

## GUARANTEE

Every Electreat is guaranteed to be exactly as represented in this booklet, to be mechanically and electrically perfect, to be free from defects of workmanship and material, and to be in perfect working order when it leaves the factory. If properly taken care of it should give many years of useful service. We agree to replace with a new machine or repair any defect free of charge within one year from date of purchase.

Electrical treatments are well known and thoroly established for their curative merits. It would be presumptuous for us to guarantee them. The Electreat Mechanical Heart, two cell, is the best electrical treatment device we know how to make. We do not guarantee it to cure any specific ailment, but sell it on its merits as being efficient in breaking up congestion which we claim is back of all diseases.

A Faradic Medical battery of superior quality and durability in a very compact and convenient form, develops 90 volts full on:

- 1 milliampere flow at 55 volts
- 2 milliampere flow at 40 volts
- 3 milliampere flow at 20 volts

Scientifically designed to produce a maximum of muscular reaction with a minimum of current. As the milliampere flow increases the voltage decreases, thus assuring perfect safety and enabling you to enjoy the best of Electrical Treatments in your own home at a cost of about one cent per treatment.

Patented June 3, 1919

Factory:  
Peoria, Illinois

Manufactured and Guaranteed  
by Electreat Mfg. Co.

## ELECTREAT <sup>TWO</sup>CELL MECHANICAL HEART

Equipped with Sponge Applicator, Conductor Cord with tips, Scalp Brush, Internal Electrode, and two standard size flashlight batteries (which can be replaced at any battery store). Packed in handsome leatherette carrying case.

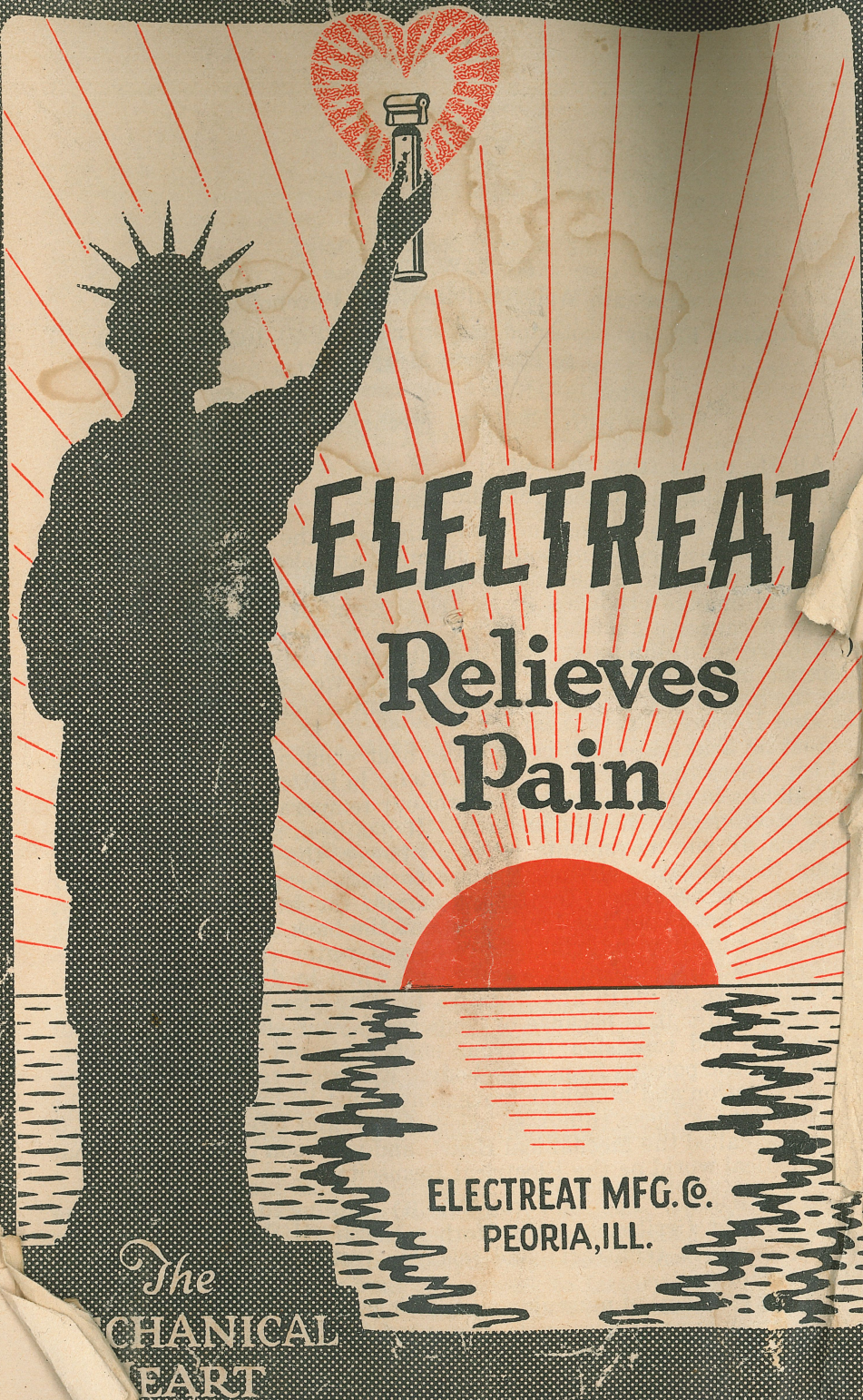
PRICE \$15.00 NET

Sold only thru Demonstrator Salespeople or sent by mail prepaid on receipt of price. Always send money order and keep receipt.

ELECTREAT MANUFACTURING CO.

2301 N. Adams St.  
PEORIA, ILLINOIS

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Write



**ELECTREAT**  
**Relieves**  
**Pain**

*The*  
**MECHANICAL**  
**HEART**

**ELECTREAT MFG. CO.**  
**PEORIA, ILL.**



## ELECTRICAL TREATMENTS SIMPLIFIED

By C. W. Kent

Graduate American Institute Phrenology,

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to Electreat Mfg. Co.

Printed in U.S.A.

Price \$1.00.

Free with Electreat Mechanical Heart.

All life comes from the Sun—**positive**.

All nourishment comes from the Earth—**negative**.

Fire and water, sunshine and rain, are the vitalizers used in nature's laboratory. Our body is chemical and electrical. It functions by attraction and repulsion (contraction and relaxation). Every chemical change produces an electrical reaction and every electrical reaction causes a chemical change. To live, we must eat to sustain, and exercise to eliminate. Health, which finds expression in the mind, depends upon what we eat or drink and how we exercise. By conserving the health of our physiological constitution our span of life should be One Hundred Forty Years.

Just as acid and alkali control the heat elements in the electrolyte which causes the generation of electricity in batteries, so do the acids and alkalis in the food we eat control our temperature and the supply of protectones in the human body. It has been said that electricity governs all our movements by brain power, the brain (cerebellum) being the positive pole and the sympathetic nervous system, (solar plexus) the negative. To the old maxim for health and longevity, "Keep the head cool, the feet warm and the back door open," we add, "Let the sunshine in, drink plenty of soft water (hard water constipates), starve a cold, feed a fever and when in distress apply Electreat positive to brain and negative to solar plexus."

If you suffer it is because of congestion, your electrolyte, forces of attraction and repulsion (nervous energy) is not strong enough to eliminate the poisons from your body. Electrical reactions increasing the circulation and muscular movements must be brought about. The Electreat does these things so scientifically and effectively that it is now also called the Mechanical Heart, and will soon be known thruout the medical world as the Electrical Resuscitator.

**ALLEGORY:** The Sun (FATHER) shining down in vibrating rays of light (irritones) upon Mother Earth (HOLY GHOST) cause her to conceive (contract) and relaxing (release) Life (THE SON) protectones.

The psychology of muscular contractions and relaxations herein for the first time so impressively presented is destined to revolutionize medical practice and the science of living.

## ELECTREAT DIRECTIONS (Trouble Chart)

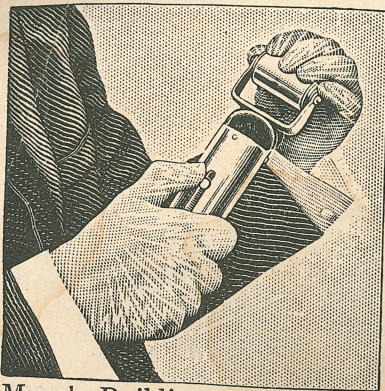
- 1. SAFETY DISK.** Turn or twist bottom cap until slots are over lugs, then remove cap and take out safety disk placed between spring and battery to prevent instrument getting turned on accidentally and running batteries down.
- 2. ELECTREAT.** Take Electreat in both hands as shown in cut 1. With right thumb pull control button down slowly, Electreat should begin to buzz and you will feel the negative (hot) current of electricity in barrel, stronger than the positive in the roller. This proves the Electreat OK. If it does not buzz, give it a slight jar to shake the vibrators into action. If it still fails to start examine ends of batteries for grease, etc., test them in a flashlight for good bright light. Make sure they are good. If Electreat still fails to buzz, or buzzes and gives no current, return it to factory for readjustment. See Service Instructions, page 30.
- 3. CORD WITH TIPS.** Attach one cord tip in roller, cut 25, take hold of other tip with fingers. If you get the current it proves the cord OK.
- 4. SPONGE.** Wet the sponge thoroly. A dry sponge will not work. Attach sponge handle to cord tip and apply as in cut 25. The sponge and handle never fail to work when properly used.
- 5. CORD TIP IN BARREL.** **SPONGE NEGATIVE.** (Learn this.) Take cord tip out of roller by twisting to right so as not to unscrew roller pin. Just beneath, place tip in hole in barrel. Grasp roller in one hand and apply as indicated in cut 24. If roller is not held in hand, it must touch some other part of body to close the circuit as in cuts 10, 6 or 9.
- 6. INTERNAL ELECTRODE.** Attach internal electrode. Put cord tip in roller. Hold as shown in cut 25 and run fingers of other hand over metal part to feel the current.
- 7. SCALP BRUSH.** Attach scalp brush. Run fingers over bristles or apply to scalp as in cut 11. You will not feel current on head until bristles are pressed down to scalp.
- 8. TWO SPONGES.** If you have two cords with sponge applicator attach one in roller and the other in barrel. Wet both sponges apply both to body. Some people prefer to use two cords with sponges because they give better pull to muscles and sting less than the roller.
- You have now proven every part and attachment of Electreat and should understand just how each part works. Study the pictures. They show you the way to connect the attachments and where to treat.

**CAUTION:** Avoid battery corrosion in barrel of Electreat. If current is left on or turned on accidentally batteries will run down and spew the acid out inside of barrel. If laid away and forgotten, they will run down and will rot. Battery corrosion in barrel always ruins the mechanism. If your Electreat comes back to factory showing corrosion in barrel, there will be a rebuilding charge. Always remove batteries from barrel when not in use. When traveling.

Rhiches  
Lux-

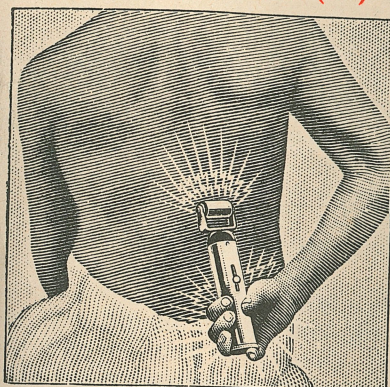


### 1. How to Start



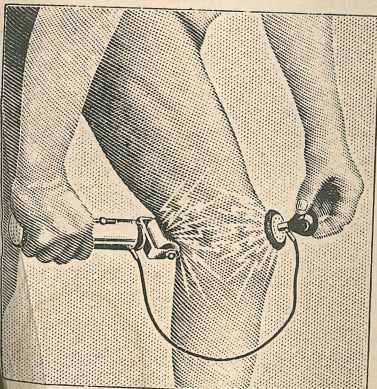
Muscle Building, Lung Development. Improves circulation.

### 5. Roller (+) Barrel (-)



Breaks up Congestion. Lumbago and Backache.

### 9. Concentrated Application



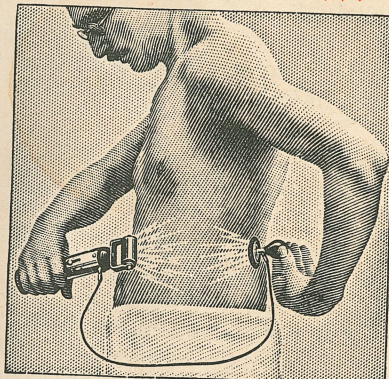
Rheumatism, Stiff Joints. Breaking up chronic conditions.

### 2. Sponge (+) Relieves Pain



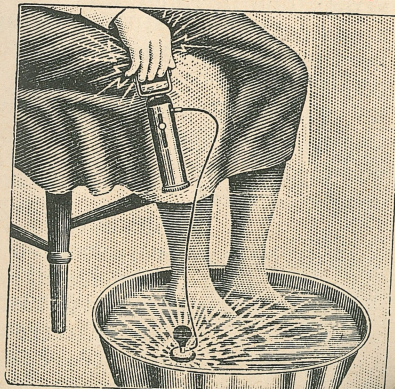
Headache, Earache, Toothache, Neuralgia, Neuritis, Soreness.

### 6. Sponge (-) Roller (+)



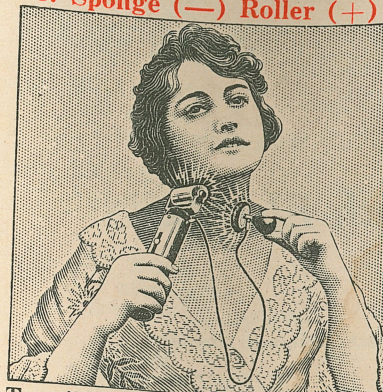
Regulating Internal Organs. Stomach, Indigestion, Bowels, Constipation.

### 10. Sponge (-) Stimulates



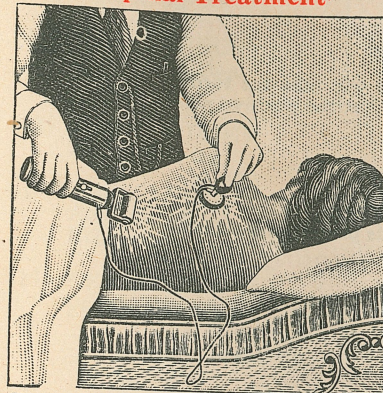
Electric Bath, Poor Circulation, Tired Feet, Improving Dry Chapped skin.

### 3. Sponge (-) Roller (+)



Tonsillitis, Catarrh, Asthma, Goitre, Voice, Throat.

### 7. Spinal Treatment



Tonic, Up Current, Debility, Nervousness, Liver, Kidneys, Spine.

### 11. Scalp Brush



Falling Hair, Dandruff, Itchy Scalp, Brain Stimulation, Restfulness.

### 4. Roller (+) Barrel (-)



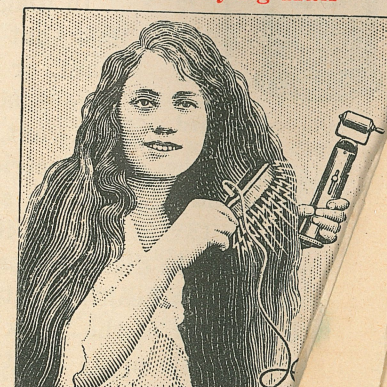
Pleurisy, Chest Pains, Reducing, Making Lithesome.

### 8. Electric Hand, Diagnosing



The Touch that Soothes. Electricity and Personal Magnetism

### 12. Beautifying Hair



Enlivens the Hair, the Color, Stimulates Growth

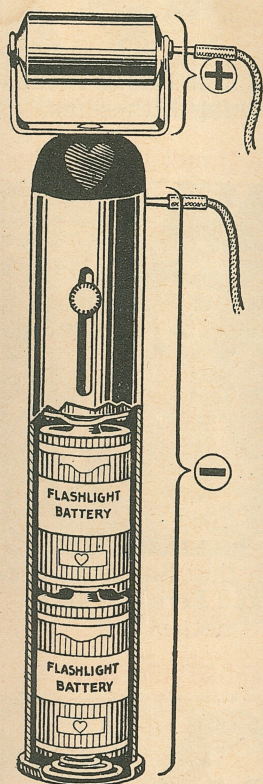


# E-lec-treat

Reg. U. S. Pat. Off.

## Meaning to treat with Electricity

13.



**Mechanical Heart**  
Beats 140 times per second  
Resuscitates  
asphyxiated cells

### Roller is the Positive (+) Pole

Subtracts irritones; diseases

**"Eliminates Waste Products"**  
**Relieves Pain**  
**Soothes (benumbs)**  
**Takes away inflammation**  
**Breaks up Congestion**

The old worn out cells are torn down,  
subtracted at the positive pole.

### Barrel is the Negative (—) Pole

Adds protectones; health

**"Supplies Nourishment"**  
**Increases Circulation**  
**Stimulates**  
**Relaxes Muscles**  
**Builds up Weak Parts**

The new health cells are built up,  
added at the negative pole.

In diagnosing disease and its symptoms, we find that we either have something we do not want, or lack something that we need, so the cure must lie in **SUBTRACTING** what we do not want, or **ADDING** that which we need.

Electrical treatments and using Electreat is just as simple, as plain addition and subtraction. With the positive pole we subtract those

things which cause disease,—pain, and with the negative pole we add that which makes health,—nutrition.

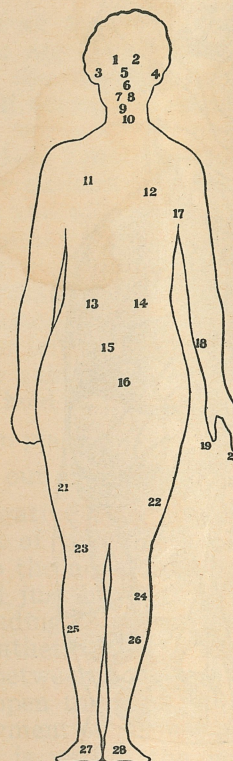
A careful study of the "Sick Woman Chart," cut 14, should enable you to intelligently apply Electreat so as to treat any known disease, from head to feet.

## Electreat (—) Adds Health

- (1) WEAK EYES  
Add stimulation,  
Build up weak parts  
**Apply negative**
- (3) DEAFNESS  
Add stimulation,  
Increase circulation  
**Apply negative**
- (5) DRY NOSE  
Add stimulation,  
Increase circulation  
**Apply negative**
- (7) THIN LIP  
Add circulation  
Build up weak part  
**Apply negative**
- (9) WEAK VOICE  
Add circulation  
Build up  
**Apply negative**
- (11) WEAK LUNGS  
Add circulation  
Build up  
**Apply negative**
- (13) WEAK KIDNEY  
Add, build up  
**Apply negative**
- (15) CONSTIPATION  
Add stimulation,  
Relax muscles  
**Apply negative**
- (17) NEURITIS  
Compound ailment.  
**Apply positive** to  
soothe and break up  
congestion; **then**  
**negative** to stimu-  
late and relax mus-  
cles.
- (19) STIFF THUMB  
Add circulation, Relax Muscles  
**Apply negative**
- (21) BOIL  
**Apply negative** to bring to head  
or **positive** to check develop-  
ment.
- (23) RHEUMATISM KNEE  
**Apply positive** on one side, **nega-**  
**tive** on other, shoot juice thru  
back and forth strong as you  
can stand
- (25) CRAMPS  
Add stimulation, relax muscles  
**Apply negative**
- (27) COLD FEET  
Add circulation  
**Apply negative**

14.

## Sick All Over



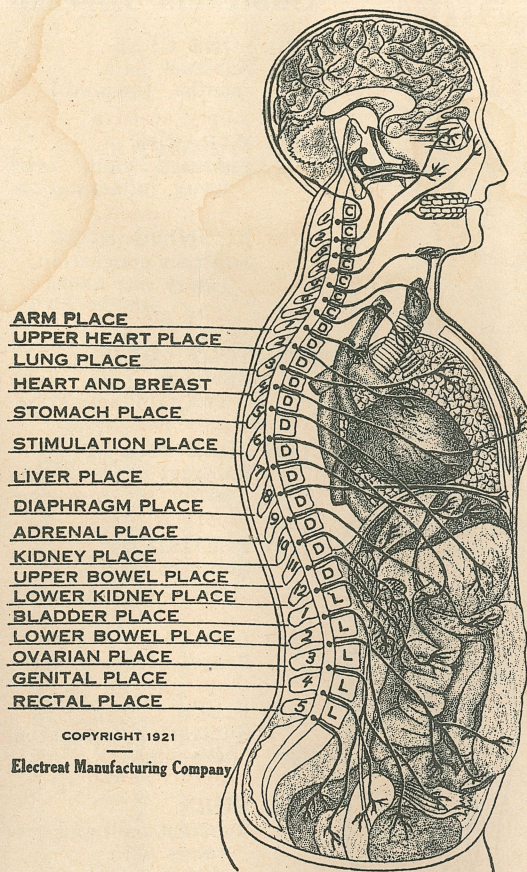
## Electreat (+) Subtracts Disease

- (2) SORE EYES  
Subtract pain,  
soothe, (benumb)  
**Apply positive**
- (4) EARACHE  
Subtract pain, take  
away inflammation  
**Apply positive**
- (6) RUNNING NOSE  
Subtract congestion,  
Carry out ashes  
**Apply positive**
- (8) TOOTHACHE  
Subtract pain, take  
away inflammation  
**Apply positive**
- (10) SORE THROAT  
Subtract pain, take  
away inflammation  
**Apply positive**
- (12) PLEURISY  
Subtract pain,  
Break up congestion  
**Apply positive**
- (14) LUMBAGO  
Subtract congestion  
**Apply positive**
- (16) PILES  
Subtract pain, soothe,  
(benumb)  
**Apply positive**
- (18) BURN  
Subtract pain and irri-  
tones with  
then add protectones  
and circulation by  
applying **negative**
- (20) MASHED FINGERS  
Subtract pain, soothe, (benumb)
- (22) FLABBY TISSUE  
Subtract  
**Apply positive**
- (24) BROKEN BONE  
When bone begins to heal and  
itch gently massage above and  
below bound up splints. **Down**  
**current** to soothe and **up cur-**  
**rent** to heal
- (26) VARICOSE VEINS  
Break up congestion  
**Apply positive**
- (28) PERSPIRING FEET  
Subtract, take electric foot bath  
dropping **positive** pole in water.

In electricity unlikes attract and likes repel. That is why the negative (—) pole adds, and the positive (+) pole subtracts.



## 15. SPINAL NERVE CHART

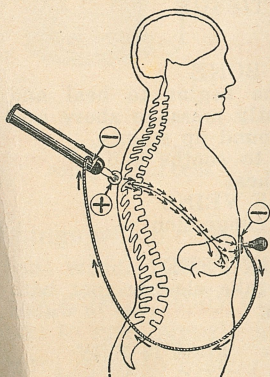


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Electreat Manufacturing Company

### WHERE TO TREAT THE SPINE

- 1 C—Back Head, Scalp.
- 2 C—Ear, Cheek.
- 3 C—Nose, Teeth.
- 4 C—Eye.
- 5 C—Tonsils.
- 6 C—Thyroid, Vocal Cords.
- 7 C—Throat.
- 1 D—Arms.
- 2 D—Upper Heart.
- 3 D—Lungs.
- 4 D—Lower Heart, Breast.
- 5 D—Left side, Stomach, warms.
- 6 D—Stomach, Duodenum, cools.
- 7 D—Liver.
- 8 D—Diaphragm.
- 9 D—Pancreas, Spleen, Adrenal.
- 10 D—Kidney.
- 11 D—Bowels.
- 12 D—Kidney, Prostate.
- 1 L—Bladder, Peritoneum, Scrotum, Penis.
- 2 L—Right side, Lower Bowel, Appendix, Colon.
- 3 L—Ovaries, Testicles, Prostate.
- 4 L—Uterus.
- 5 L—Rectum.

## REGULATING INTERNAL ORGANS



The feed nerve to stomach passes on up thru the spine and connects with the brain. It carries activity and feeling to the stomach. If the stomach is weak or not active enough, we place negative over stomach, as in cut, and positive to spine and run the current down the feed nerve to the stomach—thus boosting and helping the life energy or protectones to reach the stomach.

If the stomach is too active, or in pain, we place positive over stomach and negative to spine, running the electric current up the feed nerve away from the stomach. This obstructs the life energy or protectones from coming down feed nerve and slows up the stomach. Other internal organs are treated in the same manner.

## ELECTRO SPINAL TREATMENT

Your brain, the positive pole, supplies the animal energy which animates your body. This energy flows from your cerebellum in currents down the spinal cord and out thru the feed nerves to all the organs and parts of the body, giving to each and all their sensibility and power of motion.

Perfect currents thru all the feed nerves means perfect health. Imperfect currents thru any feed nerve means imperfect health, weakness and disease of the organ or part it supplies. In the chart on opposite page you will notice the spinal column or backbone consists of many segments or vertebrae, namely, seven C or Cervical; twelve D or Dorsal; five L or Lumbar. These vertebrae are separated by cartilaginous disks or cushions, which permit spinal movements. Just below each vertebra you will notice a feed nerve running to some organ or part which it animates. It is very essential that each vertebra be held in its proper position to prevent its pinching and interfering with the feed nerves. In late years much has been said and written concerning the bones of the spine and how they become misplaced and pinch or interfere with the feed nerves to the internal organs. Little has been said about the one hundred forty muscles that support the spine, hold it in place and control its movements.

What holds the spine in place? **The muscles.**

What draws the spine out of place? **Contracted muscles.**

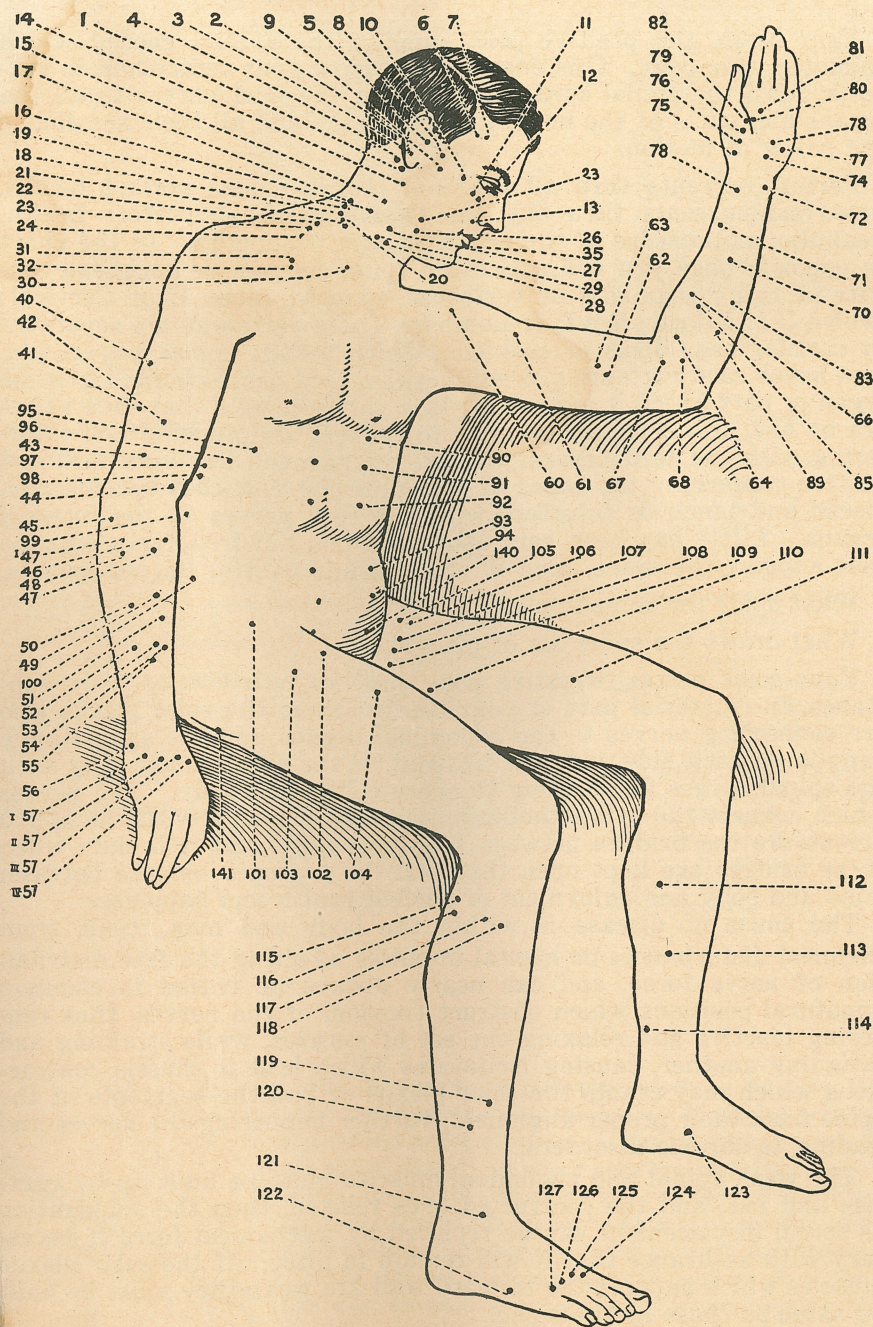
Your solar plexus, negative pole, supplies nutritive or body substance, the material part of your being. From the solar plexus also are connecting nerves to the abdominal organs and the sympathetic ganglia on each side and just in front of the spine, connecting with the spinal nerves and leading to every cell in the body. The nerves which connect the sympathetic ganglia and plexuses with the spinal nerves are the bridges between body and mind and it is only when these bridges are kept open there can be a proper balance between mind and body and enjoyment of perfect health and happiness.

The cause of disease is within the body and may result from chemical disturbances or mental impulses affecting the free distribution of nerve force, and can nearly always be traced to common unnatural positions which obstruct freedom of the nerves, thus rendering inactive and relaxing one set of muscles, while straining and fatiguing another, causing irritations which lead to muscle contractions which may cramp the solar plexus or pull the segments of the spine from their proper alignment, further impinging the nerves and leading to chronic disorders.

The weak spinal and abdominal muscles must be built up by exercise and use, and the contracted ones relaxed, then the subluxation or spinal displacement can be replaced by mechanical force if necessary with assurance that it will remain in place. If the solar plexus muscles which support the forward wall are weak they must be built up same as those at the spine.

While history has not substantiated the ancients in naming the solar plexus as the seat of the soul, it does control the essential life, and its connection with the spinal nerves lends added importance to Electro Spinal Treatments.





### MOTOR POINTS

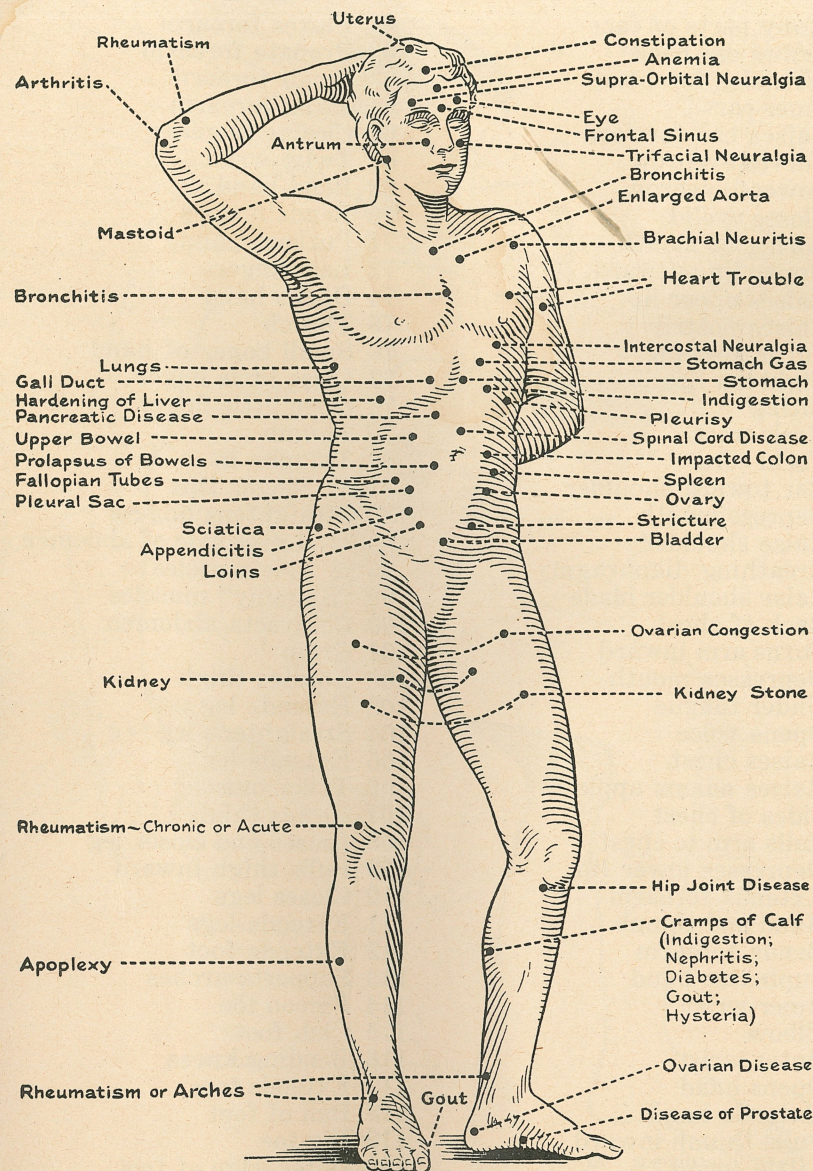
AFTER NEISWANGERS ELECTRO-THERAPEUTICAL PRACTICE

### KEY TO MOTOR POINTS

- |                         |                              |
|-------------------------|------------------------------|
| 1 Many parts of face    | 61 Flexes forearm            |
| 2 Draws ear back        | 62 Pronate forearm           |
| 3 Wrinkles forehead     | 63 Bends forearm             |
| 4 Inner ear             | 64 Twist forearm             |
| 5 Raises ear forward    | 66 Closing fingers           |
| 6 Curves eyebrow        | 67 Twist wrist               |
| 7 Lowers eyebrow        | 68 Bend hand                 |
| 8 Closes eyelid         | 70 Bends fingers             |
| 9 Corner of mouth       | 71 Puckers palm              |
| 10 Upper lip outward    | 72 Last fingers              |
| 11 Raises upper lip     | 74 Opens hand                |
| 12 Raises nostril       | 75 Thumb                     |
| 13 Turns nose up        | 76 Small bones of hand       |
| 14 Tightens lips        | 77 Close little finger       |
| 15 Biting               | 78 Open little finger        |
| 16 Neck erect           | 79 Thumb                     |
| 17 Vocal cord           | 80 Thumbs in                 |
| 18 Ear toward shoulder  | 81-82 Finger tips            |
| 19 Depress mouth        | 83 Straightens fingers       |
| 20 Raise shoulder       | 90-94 Raises side of abdomen |
| 21 Breathing diaphragm  | 95-98 Side muscles           |
| 22 Raise shoulder blade | 99 "Shimmy" muscles          |
| 23 Back of chest        | 100 Contracts abdomen        |
| 24 Turns arm inward     | 101 Groin                    |
| 26 Depresses mouth      | 102 Rotates thigh            |
| 27 Under tongue         | 103 Extends leg              |
| 28 Opens voice          | 104 Straightens leg          |
| 29 Raises chest         | 105 Extends leg              |
| 30 Raises adams apple   | 106 Tailor muscle            |
| 31 Sides of chest       | 107 Flexes thigh             |
| 32 Pulls arm to chest   | 108 Raises and closes leg    |
| 35 Depresses lower lip  | 109 Pulls thigh inward       |
| 40 Extends forearm      | 110 Closes legs              |
| 41 Hand and thumb       | 111 Extends legs             |
| 42 Bends forearm        | 112 Extends foot             |
| 43 Supinates hand       | 113 Supports arches          |
| 44 Inner wrist          | 114 Pigeon toe               |
| 45 Elbow                | 115 Club foot                |
| 46 Outer wrist          | 116 Bending knees            |
| 47 Opens hand           | 117 Extends toes             |
| 48 Extends hand         | 118 Ball of foot             |
| 49 Pulls thumb inward   | 119 Big toe                  |
| 50 Little finger        | 120 Outer edge of foot       |
| 51 Thumb                | 121 Little toe               |
| 52 Points first finger  | 122 Spreads toes             |
| 53-4-5 Thumb            | 123 Extends big toe          |
| 56 Little finger        | 124-27 Works toes            |
| 57 Moves fingers        | 140 Turns thigh              |
| 60 Raises arm           | 141 Sciatic nerve            |



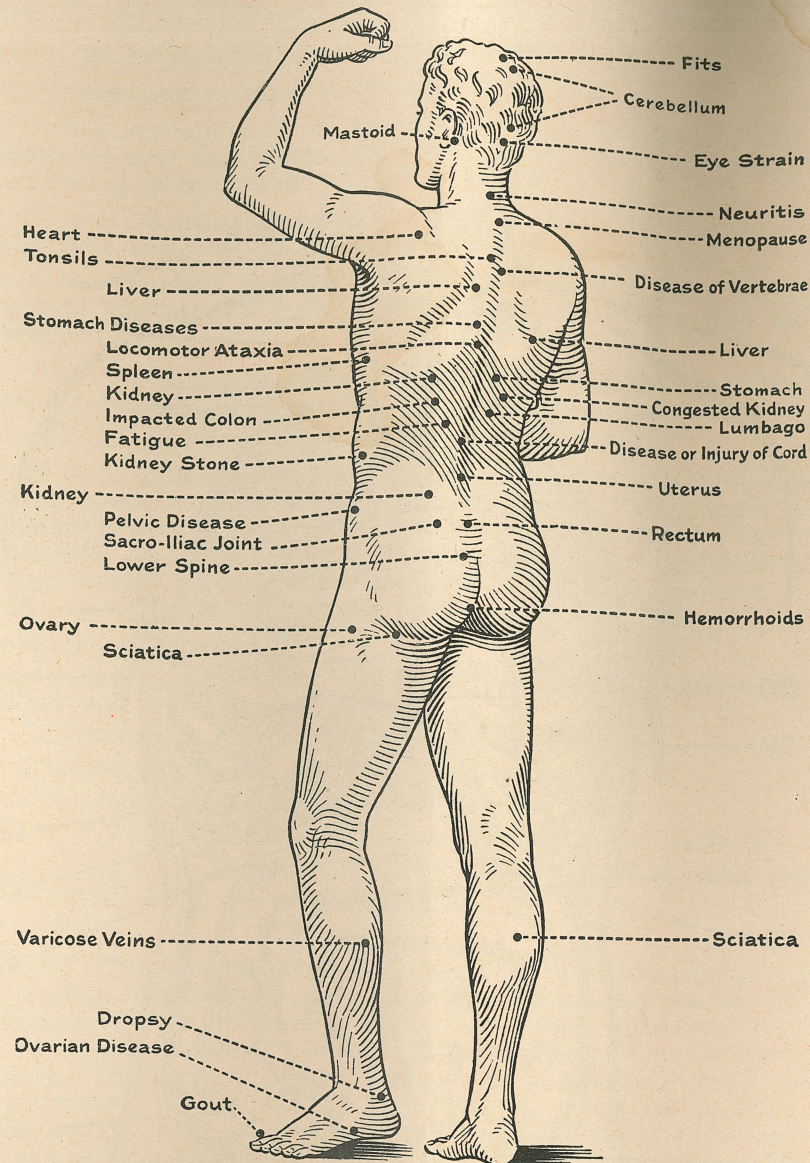
## PAIN REFLEXES



Pain is nature's danger signal; it is absolute assurance that something is wrong and should be corrected. Something caused that pain. That something should be removed. Removing or breaking up the condition that caused the pain is nature's surest way of remedying the trouble. Electricity is the greatest of all pain removers; therefore it is the greatest of all curative remedies.

When an electric wire is grounded, vibrations become localized, it heats up and may burn out. When a nerve is grounded, localized vibrations cause it to heat up, draw moisture, become painful and decomposition sets in. Electreat produces powerful vibrations which often unground the localized vibrations and automatically stop the pain.

## PAIN REFLEXES



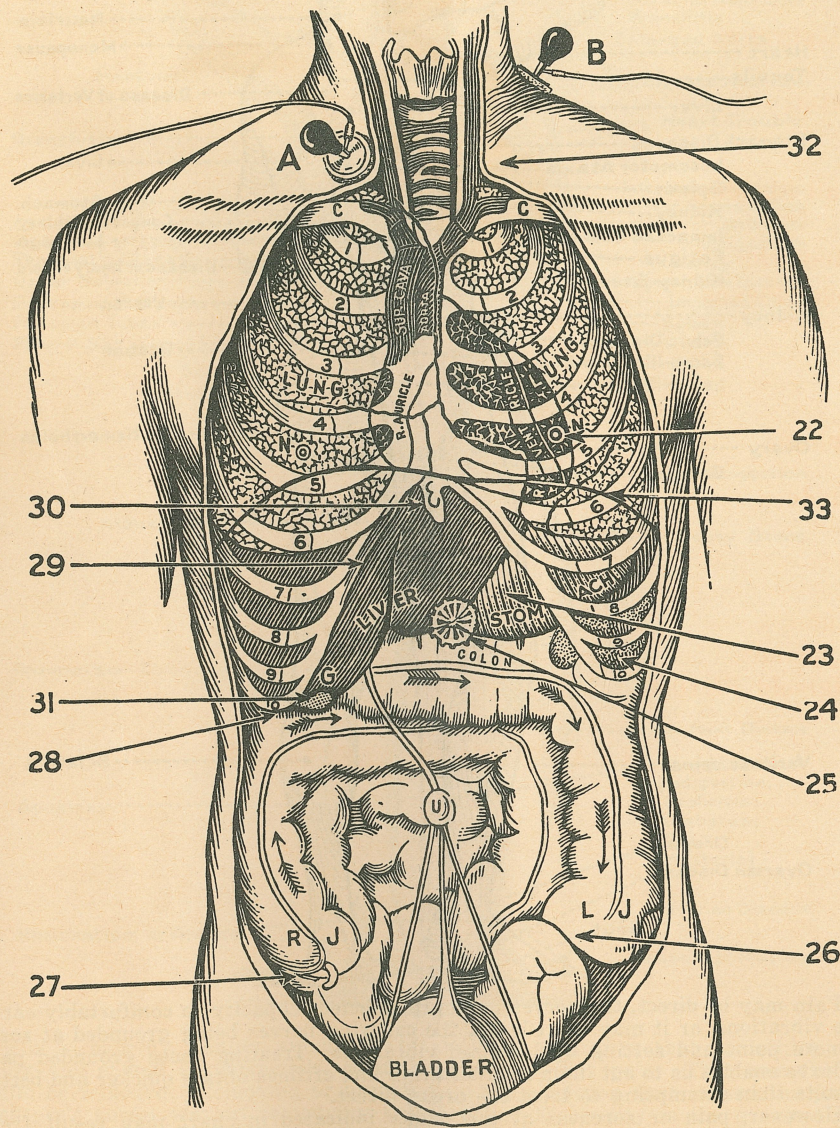
Pain may be direct, the nerves having insufficient capacity to comfortably carry the vibrations, or it may be reflexed, the carrying nerves being grounded at some remote point and setting up localized vibrations. Treating these grounded pain reflexes enables us to cut in on a direct nerve and oftentimes obtain quicker and better results than attempting to treat the organ direct.

However, pain or soreness at the points indicated in chart may result from other causes and these pain reflexes are given merely as suggestive of what might likely be the underlying cause.

All vibrations may be dissected into two parts of which the first is contraction; the second relaxation or expansion. All pain is caused by pressure upon a nerve, so you see the grounded (squeezed) nerves are contracting—trying to pull themselves away from the pressure, then relaxing—trying to push the pressure away so they can function unobstructed.



## ORGANIC LOCATIONS



## HOW TO LOCATE ABDOMINAL ORGANS

**Nipples**, 22, lie between fourth and fifth ribs.

**Lungs**, terminate between sixth and seventh ribs.

**Heart**, lies just above tip of breastbone and on left side. Place one electrode over breastbone just above tip, 30, and other to front of neck at tip of collar bone on right side at A.

**Diaphragm**, 33, attaches to tip of breast bone 30, the location of one electrode, the other at left side of neck, B.

**Liver**, lies on right side and may be reached by pressing electrode inward and upward just below tenth rib at bottom and top 28 and 29.

**Gall Bladder**, 31, lies on right side. Place electrode at lower level of rib and slightly forward, 31.

**Stomach**, 23, on left side just below the breast bone.

**Solar Plexus** or abdominal brain, 25, is one third the distance between tip of breast bone and Umbilicus or navel. It affords a most direct influence over metabolism and the nutritive processes of the body. Allowing breast bone to slump forward so as to cramp or press upon Solar Plexus impairs the action of abdominal functions.

**Spleen**, 24, on left side, under ninth and tenth ribs. Place electrode over top short rib.

**Bladder** can be reached by one electrode above pubic bone and the other just below kidney, 1 L cut 15.

**B**—Left bronchial plexus.

**A**—Pneumogastrics and cervical sympathetics.

**Kidneys**, under and extends below lower short ribs.

**Appendix**, 27, lies just above hip bone toward navel on right side.

**Sigmoid Flexure**, 26, opposite appendix and almost as troublesome, lies on left side.

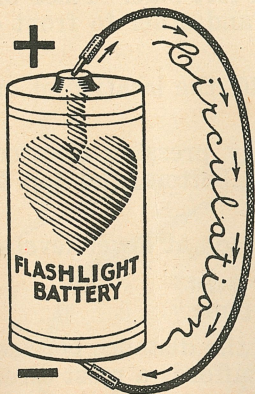
## I CAN'T STAND ELECTRICITY

Bosh! The drinker has to have his alcohol; the smoker his pipe—his system has become narcotized and when deprived of its accustomed stimulation there is a terrible reaction. The brain has lost its governing supremacy and the sympathetic nervous system has control. The body is consuming more mind energy than the brain is generating, a plain case of nerve suicide. Electreat to drive the mind energy along the weakened nerves to the jaded organs should be applied systematically until they recover their vigor. Some habits act like narcotics. Electricity to the healthy body is a tonic stimulant and there is no bad after effects, except fatigue when used to excess. If you turn sick at the stomach (the internal secretions becoming copious, just what you want to bring about) or feel worse when you take electricity, do not get alarmed (like a good sweat, it will not poison or injure, but cleanses you:) take it again; and keep on taking it until these reactions entirely disappear, or become desirable. Your brain and not your stomach (or other organs, especially the sexual organs in women) should regulate the nerve energy that governs the body.



# Electrical Treatments Simplified

## 17. ELECTRICITY IS LIFE



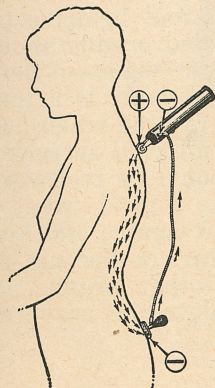
The current always flows from the positive and returns to the negative pole, subtracting from the positive and adding to the negative. The blood flows from the heart thru the arteries and returns thru the veins laden with (added) impurities. You can swim down stream faster and easier than up stream. There are small streamlets all thru your body. These streamlets often become clogged, congested. Congestion is the great cause of all sickness. When the congestion is broken up the body is able to throw off the poisons and we get well. The current from Electreat flowing down these streamlets aids their flow, increases their capacity, and is powerful enough to push thru and overcome obstructions, thus aiding nature to function. We can increase or retard the flow of these streamlets by running the Electreat current down or up, with or against their flow.

## 18. DIRECTING THE CURRENT



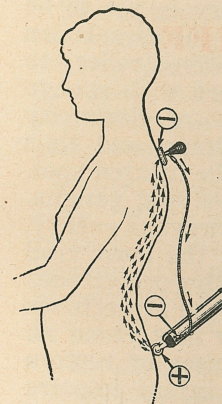
The current enters body at point of contact with positive pole and flows to point of contact with negative pole. By placing the poles at different places on our body we can force the current to flow thru any part desired. In the picture the current flows into the body at left hand (point of contact with positive pole) and is compelled to flow up left arm, across breast and then down right arm in order to reach the negative pole. Electricity always flows along the lines of least resistance or over the best conductors, which in our body happens to be the nerves. If we wanted the electricity to flow up the right arm and down the left, all we would have to do is to reverse or turn the battery upside down so that the positive pole would touch the right hand and the negative the left. The electric current would then flow in at the right hand and out at the left.

## 19. DOWN CURRENTS



Currents flowing away from the brain soothe. It is a law of nature. Rub a cat's back downward, she is soothed and likes it. The brain is the intelligence department of the body. It sends out messengers over the motor nerves to look after, supply, sustain, nourish, build up and protect all the various parts of our body. Since it is the office of these messengers to look after and see to the protection of our bodies, for convenience's sake we will call them protectones. If you are frightened or afraid and a protector comes along you become soothed. In flowing away from the brain the current flows easiest over the motor nerves and thus helps, pushes, boosts and aids the protectones to reach their destination.

## 20. UP CURRENTS STIMULATE



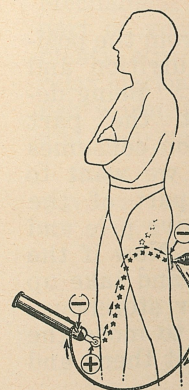
Currents flowing toward brain stimulate. They have to force their way against opposition. Opposition, always stimulates. Most of the streamlets of the body tend downward and their flow is thus aided by nature. All the various parts of the body are surrounded by great dangers, they live in continual fear and are afraid. They are always sending little messengers over the sensory nerves to the brain asking for help and protection. There are so many of these little messengers traveling up the sensory nerves, telling the brain this, and that, and repeating the same thing over so many times, they cause the brain a great deal of annoyance, and for this reason the physiologists have called these little messengers irritones. Up currents, flowing toward the brain travel over the sensory nerves and thus aid the irritones to reach the brain. The more irritones that reach the brain the higher our state of stimulation.

## 21. IRRITONES AND PROTECTONES



In our bodies are two sets of nerves, sensory running to the brain and motor running from the brain. Sensory nerves carry irritones (impulses of heat, pain, feelings, etc.) to the brain. These irritones (indicated by stars) are our informers. If the sensory nerve is impaired we lose sense of feeling. Motor nerves carry protectones (impulses of energy and power—life) to all parts of the body. These protectones (indicated by circles) are our repairmen. If the motor nerve is impaired we lose power of motion. When tack sticks leg irritones flow up sensory nerve to brain. No pain is felt until irritones reach the brain. The brain sends back protectones over motor nerve to repair the injury. Irritones represent the disease elements in our body; protectones the health elements. Irritones and protectones travel at rate of about one hundred feet per second.

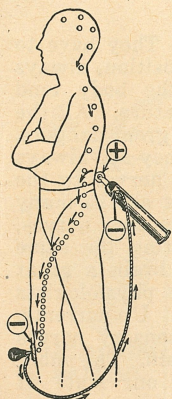
## 22. SHORT CIRCUITING PAIN



Nerves are also electrical conductors. The current from Electreat is stronger than our ordinary nerve currents. When the tack sticks the leg and irritones begin to flow to the brain, we place the positive pole (roller) of the Electreat over the injured spot and connect the negative pole (barrel) to some other part of the body, compelling the electricity to force its way thru the body from positive to negative. The electricity starting to flow over the sensory nerves with the irritones overpowers them and pulls them along to the negative pole, thus short circuiting them from the brain. The pain is relieved in proportion to the number of irritones we can prevent reaching the brain. The medical world knows no better or more simple method of relieving pain, and Electreat was designed to accomplish that purpose.



## 23. RESTORING DISEASED PARTS

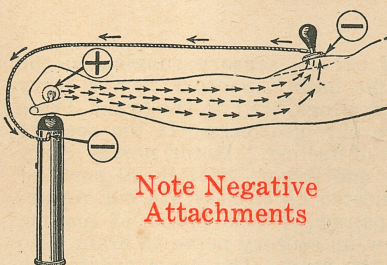


After the pain has ceased, the injury is yet to be healed. The protectones working thru the circulation repair the tissues. By placing the positive (roller) to spine and the negative (barrel, note cord with sponge extension) to injury we run a current of electricity down the nerves carrying the protectones and thus rush and aid the protectones to reach the injured spot.

Thruout the body are many nerve centers, ganglia. These are the reserve store houses for nervous energy, protectones. They are situated nearest the most vital parts, so that nature can quickly get the protectones on the defense when danger arises. These protectones are your health army, each tiny little protectone an individual soldier, ready to build defenses or restore broken down parts. When disease or injury impairs

any part of your body, get as many protectones there as possible, and just as quickly as you can.

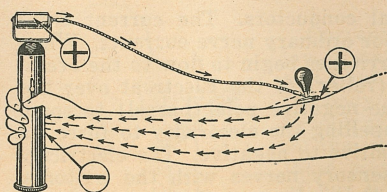
## 24. ELECTRICAL ADDITION



Protectones are attracted to the negative pole. They heal, strengthen and build up the body tissues. Whenever we want to stimulate, strengthen or build up any part of the body we place the negative pole to the part causing a concentration of protectones (life energy and power) to that location. Visualize this picture, think of those arrows showing the flow of electricity as being ants, coming out of the hand (roller-positive) and returning to their nest (sponge-negative)

on upper arm muscle. Each ant is carrying home a tiny particle of food with which to fill up and add to the nest. Electricity carries and deposits minute particles, building up at the negative pole in very much the same way.

## 25. ELECTRICAL SUBTRACTION



The flow being away from the positive pole, carries the nutrition and vital forces along with it. Being deprived of nourishment the part starves and disintegration consumes the tissues. Whenever we want to reduce or soothe any part of the body, we apply the positive pole and

thus obstruct the vital forces from reaching that part. Now if the ants should decide to move their nest in the upper arm and take up their abode at some other place, they would carry their storehouse along with them. In similar manner we use Electreat to move the storehouses from places in our body where we do not want them, and to carry them to devitalized parts where they are needed.

## CONTRACT FOR YOUR HEALTH

The fish worm, one of the lowest orders of animal life, possesses the elementary organs essential to health functioning. The head is its (+) positive pole and the tail its (—) negative. If you stick a fish hook in its head (irritones act), it will contract (draw up). If you stick the fish hook in its tail (protectones act), it will relax (lengthen out).

Contractions and relaxations govern all functions of the human body. When any part of our body loses its power to contract and relax it results in congestion, ceases to function normally and we become sick and we will remain sick until such congestion is relieved or corrected by renewal of normal contractions and relaxations, naturally or artificially induced.

We often think of congestion lightly, but it is the primary stage of degeneration, the process that causes death and changes our body back to dust from whence it came. **IF WE RELAX AND DO NOT CONTRACT, WE FAIL TO DEVELOP STRENGTH AND VITALITY. IF WE CONTRACT AND DO NOT RELAX WE SOON EXHAUST OUR STRENGTH AND VITALITY.** Contraction and relaxation make vibration, which is Life.

Life is a process of converting chemical energy into physical energy. The essentials enter the tissues during periods of relaxation and are converted (assimilated into health energy and vitality, and the debris eliminated) during periods of contraction. Irritones cause contractions. Protectones are the life energy accumulated thru those contractions and retained in the tissues to carry on the process of life and health ad infinitum.

Irritones caused the fish worm to contract until it irritated a blister. Protectones formed the blister into a callous. The callous contracted and relaxed into a corn, a bunion, a fin, and then into a leg. Irritones and protectones; contractions and relaxations, make for health, and we can make them much what we will, but it is up to us to do it for ourselves.

When you feel yourself slipping, your muscles contract and fail to relax, or relax and are too tired to contract, just get your Electreat Mechanical Heart, turn to the motor nerve chart, page 10, find what part of your body is not functioning properly, apply the Electreat plenty strong to cause that part of your body to contract. It will relax partially between vibrations, contracting and relaxing like the fish worm, breaking up congestion and thus helping nature to make and keep you well.

**When you have to seek help, the contracting and relaxing Life Current from the SCIENTIFICALLY CONSTRUCTED ELECTREAT MECHANICAL HEART will be found to be your best friend.**



## RELAX FOR RECUPERATION

**Irritations cause muscles to contract.**  
**Contracted muscles bind and obstruct bodily functions.**  
**Contracted muscles must be relaxed.**  
**Fatigued muscles always relax.**  
**Therefore—To relax a muscle, fatigue it.**  
**Excess exercise always produces fatigue.**

Fatigue and removal of irritations insure relaxation of muscles, nerves or any part of our bodies. To relax a muscle, just apply the negative applicator of Electreat to motor nerve center governing that muscle and turn on strong enough current to cause the muscle to become thoroly fatigued. It will then relax of its own accord.

Where there is irritation, nature sends a concentration of protectones for defense. A contracted muscle is filled with protectones (nervous energy) drawn from all parts of the body, and if allowed to continue contracted will soon deplete the protectones from other parts of the body, bringing on nervous exhaustion. Nervous exhaustion is that state of the body wherein the protectones have been consumed faster than accumulated until there is no longer sufficient number of protectones in the body to carry on the natural health functions.

**Every disease is accompanied with contracted muscles in some manner, and the most effective method of combatting that disease is to relax those muscles.** The Chiropractor speaks of "Subluxations," and his forceful adjustments produce muscle fatigue and thereby bring on relaxation of contracted muscles, and thru these relaxations they have perfected many wondrous cures.

We are living in a fast age, our bodies are under a hypersensitive strain, most of our ailments are nervous and accompanied with contracted muscles. Remedies befitting our conditions and in harmony with our surroundings must be supplied. We have looked to your future and prepared for it. "Muscle Relaxation," perhaps under some other high sounding name, will become the popular health fad propaganda in the very near future.

Mental strains, worry, grief, loss of sleep, desire to get rich, etc., all lead to contracted muscles and nervous exhaustion. We must relax our muscles and nerves before we can recuperate our vitality. Electreat is a remedy that will help you to overcome all this; to relax your nerves or muscles, to recuperate your vital forces physical and mental, to continue on in the mad rush for success, to possess greater endurance and to excel your competitors. You must apply Electreat to the motor nerve centers, relax the muscles so that your body can function unobstructed and recuperate the energy (protectones) necessary for the next day's struggle. Most of our recuperation takes place during sleep when our muscles are relaxed. If our muscles do not relax, our sleep (if we go to sleep) is interrupted by dreams and we get up with a tired, worn out feeling. Don't go to bed to study and think, but to relax, sleep and recuperate.

## ACID AND ALKALI

**ACID**, indicated by white tongue, is associated with the positive pole. It is absolutely against pain. It soothes, retards functional activity, promotes dormancy and laziness. It reminds me of ashes because it is the refuse of metabolism and must be carried out of the system thru the eliminating organs. If the urine test shows acidosis—turns blue litmus paper red, you are not eliminating sufficiently to keep the health fires burning brightly.

**ALKALI**, indicated by redness of tongue, is associated with the negative pole. It is always found where there is a painful condition or inflammation of any kind. It stimulates, increases circulation and quickens functional activity. It heats the body, makes us restless and keeps us going. Alkali reminds me of the lye my mother used to dissolve the meat rinds and cracklings when she made soap. Excessive alkalinity fires the eye, inflames the mind and burns the tissues. It would consume our bodies were it not that all wise Nature provided that decomposing tissue form an acid ash to check alkaline activities.

**LEARN TO MAKE THE HEALTH TEST.** Purchase 25c worth of blue litmus paper from your druggist. When you urinate dip a slip of the paper in the urine. If the paper turns red, it is Nature's Sick Flag, you have too much acid ash in your system, and it is up to you to **BUILD UP THE ALKALINE RESERVE IN THE BLOOD** by taking more exercise and selecting more alkaline foods until your urine ceases to show an acid reaction. Physicians, Drugs or Electreat cannot cure the errors of diet. They can only assist in helping remove the ill effects thereof.

As a proper diet and exercise would have doubled your span of life at the beginning, it is not too late for them to double the days remaining to your credit, so if you seek better health and longer life start your basic or alkaline diet today. Any library will supply you with a health book showing which foods are basic or alkaline and those which leave acid ash. Alkali is the health soap which the blood uses to keep the inside of your body clean. It is the natural antidote for acidosis or diseased tissues. Alkali will fight and try to burn up or neutralize acid ash until the reserve supply of alkali in the blood is exhausted, so if you have neuralgia, neuritis, or your false teeth make your mouth sore, make the health test at once. If acid, throw your pain tablets in the sewer, take a spoonful of bicarbonate (common baking) soda in a glass of water, and grab your Electreat. Alkali and exercise are the things you need to overcome your acid condition. Alkalosis, or excess alkali in system is practically unknown with our present day diet, but may be brot on by intake of inorganic waters and chemicals not found in natural food.



## HOW TO DIAGNOSE WITH ELECTREAT

Let patient hold Electreat barrel (negative pole) in one or both hands, cut 8. You turn on mild current, grasp roller (positive pole) in your left hand and with your right hand apply finger tips to patient's body, moving around slowly and giving the Electreat hand massage, letting your finger tips act as a "neurocalometer." At some places you will detect an increased flow of current thru your finger tips, the patient will flinch and say, "There is a sore spot," and it may be red, hot or feverish. Nature sent fire and water, alkali and moisture to that spot to burn and flush out the irritant, the moisture making a better pathway for electricity and inviting electrical treatments.

Electreat nosed out that spot as truly as a terrier would locate a rat, and just as the terrier would grab and shake the life out of the rat, so does Electreat grab hold and shake (vibrate) the pain out of that sore spot.

Electreat is there to shake, squeeze, relax and dislodge the irritant, break up or scatter the congestion (bacterial colony) and resuscitate the flow of blood thru the tiny capillaries and rivulets which will quickly relieve the pain and start the healing processes.

Inasmuch as pain is Nature's danger signal, it is logical to conclude that relieving the pain is Nature's most effective remedy and that when the pain is stopped the cure is at least rightly begun. Keep on using the Electreat around that spot until patient says the pain has stopped, or that the Electreat does not hurt any more when applied there than elsewhere, and you can no longer feel a stronger current of electricity thru your finger tips when treating that particular spot.

## WHY THE GOOD DIE YOUNG

We have wrongfully associated intellectual precocity with the idea of goodness. The human body can manufacture only a limited amount of life energy which is distributed from the positive pole to form mind or body. Habits of early childhood shape the passage ways and direct the flow of this life energy to the cerebrum developing attention and mental concentration, or pass it back down the spinal nerves to be contracted into physical strength and endurance, producing what phrenologists call temperamental conditions. Brainy people would rather study than exercise their muscles, while those physically strong dislike to be confined down to study. **Thinking robs the life energy of vitamins and leaves the dross to be eliminated thru exercise.**

We should exercise enough to move the bowels three times per day, preferably after each meal, and no one can maintain good health unless the bowels move regularly at least once per day, preferably right after breakfast. A good health rule is never to sit down or begin the day's intellectual tasks until the bowels have moved. Many people neglect this necessity and have poor health and weak flabby muscles to nurse in premature old age while they spend their money trying to regain physical strength thru medicine or at the various health resorts. Your span of life is the length of time your body exercises enough to eliminate the congesting poisons. Natural death is written when the body can eliminate no longer. When you see the water dripping from one's eyes and nose, it signifies defective elimination.

## FATHER AND MOTHER OF DISEASE

The human mind has been trained to reason from cause to effect and we have made but very little headway in dealing with effects until we have been able to understand their cause. When we see a child we know it had parents, and we begin to wonder who were its father and mother. Diseases are but children, the unhappy offspring of bad habits. We eat too much, under exercise, fail to oxygenize and can't eliminate. We find so much pleasure in the sympathy of being sick that we won't fight to get well, won't even put ourselves in a condition that would permit health to be possible, then blame the doctors because they don't cure us. Exercise is the father of elimination and sleep the mother of oxygenation, so we call your special attention to their twin ailments, constipation which robs us of our vitality and insomnia which keeps us from recovering it.

## CONSTIPATION

The primary cause of constipation was mental restraint which confused the nerves, brot on contracted muscles and nervous exhaustion. The blame is laid to whatever organ in body happens to be weakest. To continue taking physic is like slapping a child, it is a vicious remedy but not corrective. When we fail to heed the call of nature, the laxatives are diverted. The gas is absorbed from the fecal matter and breathed out of the body thru the lungs and skin; the kidneys and skin eliminate the moisture and soon only a hard dry mass remains. This irritates the tender muscles and tissues causing them to contract and rendering the natural method of evacuation difficult, perhaps impossible.

To remedy this condition we must exercise the bowels. Lie on your back, spread limbs apart, place internal electrode, negative, in rectum, turn on strong current to fatigue and cause relaxation of rectal muscles. Place positive (extra cord and sponge applicator attachment preferred, attached to roller) over appendix, (the appendix has been called our oil-can, as it secretes a fluid that acts as lubricant for the bowels) just above the hip bone toward the navel on right side. Make those muscles pull and twist under powerful current, roll them and massage them with your hand while applying the Electreat applicator, then upward and under the front ribs on right side, stirring up the liver, across to left side and then down to hip; following the ascending, transverse and descending colon, giving it a good powerful massage with the Electreat. Apply applicator to back, mild current over small of back then strong current to base of spine. Don't be afraid of making your bowels a little sore. Fifteen or twenty good massage workouts like this ought to break up a stubborn case of constipation. Activity of the bowels and intestines, fatiguing them until they relax, will relieve any ordinary case of constipation. Begin with moderate treatments, and increase strength of Electreat and vigor of massage until you get results. With internal electrode inserted in rectum and cord tip in barrel (negative) you can also grasp the barrel in both your hands and massage the bowels vigorously with the roller. If you feel the current coming thru your hands, put on a pair of gloves or use cloth to break circuit thru hands and compel it to flow thru the cord attached to internal electrode. Twenty to thirty minutes treatment at bedtime repeated regularly.



Also give the Electreat a little help, relax yourself, take a vacation, change your daily routine, let your business go, forget your worries, unload your grouch; upon arising drink pint of soft water, take table-spoonful psylla seed, drink another pint of water, breakfast on laxative fruits, get outside play golf, walk, exercise until tired, lie down for a rest, nap if you can; lunch vegetable vitamins, rest, get outside exercise, don't fatigue yourself, read and study this booklet, get some other diet and exercise literature. Light dinner easily digestible, take light exercise and go early to bed, see that you have good ventilation, relax, smile and go to sleep, sleep eight to ten hours a day, more if you can. Keep up this routine until you have to excuse yourself from the breakfast table to go to stool. Then when you look at the mass and wonder where it all came from you will know you are getting the poisons out of your system, and are on your way toward living the prescribed One Hundred Forty Years.

### INSOMNIA—WAKEFULNESS

People with tired, fatigued muscles never affected. A highly nervous condition, often bringing on high blood pressure. The subconscious mind becomes active and you continue to think over various things. Why try to fatigue yourself mentally by counting imaginary black sheep jumping over a hedge, etc. Do it right—fatigue yourself physically, get your Electreat Mechanical Heart, hold it tight in both hands and turn on current strong as you can stand; hold until you feel the muscles in both arms tiring up to the elbows or higher; when the forearms become thoroly fatigued, turn off current and assume a comfortable position in bed. The nervous energy that kept your subconscious mind working will go to repair the fatigue in your forearms and you can then drop off to sleep. **(The above is a medical classic.) Many people using Electreat for the first time, claim to have enjoyed the best night's sleep in years.**

Ninety percent of the Physician's efficacy lies not in his medicines, but in getting the patient to bed, to sleep and relaxed so that the natural process of recuperation may take place. Christian Scientists and other religious cults who deny the reality of disease or whose doctrines challenge the science of medicine accomplish their wonderful curative results, not thru their belief but thru the underlying psychology of that belief. **By mentally inhibiting the effect, their muscles are tricked from undergoing the contraction necessary to produce such effects, leaving the body relaxed and free to carry on the recuperative processes.**

Lying on the belly so as to produce a physical strain on solar plexus may induce sleep, but causes too much fatigue and consumes too much of the recuperative force to repair the fatigue. When you sleep to recuperate, do not draw up or get in a strain, but lengthen out like the fish worm. Relax just like you expected every joint to fall apart.

During the waking hours the body consumes vital energy faster than accumulated and it can be restored only thru sleep.

### RESUSCITATION

You doubtless have heard of the pulmotor and how it is used to force air into the lungs of people drowned, asphyxiated or shocked, artificially causing the lungs to contract and relax until life is restored. Other parts of the body as well as the lungs can be resuscitated and helped when they become clogged and congested. Faradic electricity has long been known to afford the proper stimuli necessary for simulating functional activity in the human body, but only in late years with the invention of the Electreat Mechanical Heart, which does to other parts of the body what the pulmotor does to the lungs, has it been convenient to avail ones self of this artificial aid to Nature, and as it is put to more general use we learn of its health restoring powers.

Short of death, Paralysis is the worst thing that can happen to the human body or any part of it. Faradic Electricity has long been recognized by medical science as the most likely means of restoring paralysis to normal activity of mind and body. The two cell Electreat Mechanical Heart which develops 90 volts and beats 140 times per second is scientifically constructed and timed to produce contractions and relaxations in the human body most likely to assist circulation and resuscitate the deoxygenized organs and tissues. If it will do this in Paralysis, where there is complete loss of functional power, will it not also do it in other diseases where there is only partial impairment of functional powers?

When a muscle twitches or cramps it is asphyxiated and gasping for oxygen. The muscles are just as dependent upon oxygen from the blood as are the lungs upon oxygen from the air. The heart pumps two gallons of blood per minute, so the fresh oxygenized blood coming from the lungs should reach the most remote parts of the body in less than one-half minute. As blood is obstructed or delayed it gives off its oxygen and takes on carbonic acid gas, losing its power to vitalize, resuscitate or scavenger diseased parts. Applying Electreat to a muscle, causing rythmic contractions of the arteries and veins is like priming a pump. That is why we call it the Mechanical Heart.

### ANIMAL OR VEGETABLE—SOLAR PLEXUS

All life may be classified under two divisions, animal and vegetable. The vegetable possesses an organized structural or nervous system by means of which its nutritional functions are carried on. The animal possesses a similar nutritional system known as the sympathetic nervous system, and in addition thereto a supplementary system called the brain and having to do with feelings, movements and self determination. The vegetable can grow larger and live longer than the animal because the supplementary nervous system of the animal utilizes life energy which only the nutritive system can manufacture, and unless this supplementary nervous system becomes dormant as in sleep, the animal, or we, exhaust life energy so much faster than we can manufacture it that death quickly ensues. Therefore, to recuperate we must rest our brain and animal functions and stimulate our vegetative processes. In short, sleep and digest. The brain being the outlet for animal life and the sympathetic nervous system the source of production, the brain must be our positive pole and the solar plexus our negative.

When we apply Electreat, positive, to base of brain and negative to solar plexus we retard brain activity and loss of energy thru animal functions and at same time stimulate production of life energy thru our nutritional organs.



## ELECTREAT RELIEVES PAIN

If good for nothing else, Electreat would be worth its weight in gold for relieving pain alone. What kind of pain? Don't stop to ask. When you have pain of any kind use Electreat—broken bones, bruises, sores, boils, earache, toothache, headache, lumbago, rheumatism etc. Pain is a distress signal and indicates that poisonous matters are collecting in the tissues. You must get your circulation going and wash the poisons out. For a general, all-purpose pain reliever, Electreat can't be beaten.

Pain is the messenger of death, and is always carried by the sensory or pain nerves. Cell destruction is constantly taking place in the human body. Whenever the life energy is insufficient to build up these cells as rapidly as they are destroyed, we have an increased stimulus affecting the death or pain nerves. Since the blood not only carries in the material for the formation of new cells, but carries out the debris of which the dead ones were composed, there is necessarily a very close relation between the circulation and the pain impulses. Wherever there is a stoppage in the circulation we have an accumulation of decomposing matter causing pain impulses. Therefore, to relieve pain it is first necessary to restore the circulation in the affected locality. To restore the circulation in any part of the body we apply the electric massage to the affected locality. This is the fundamental principle of Electreat Mechanical Heart and its mysterious relief of pain.

Therapeutically, Electreat acts as a general tonic and stimulant for all parts of the body. When daily treatments are taken the following effects may be expected: Return of sleep, increase of strength and vital energy, increase in cheerfulness and power of work improvement in appetite, digestion etc., increase of blood supply to point of application, general increase of local nutrition and progressive improvement in the general functions, increase of secretions, soothing effect upon the nervous system, increase of oxygen in the blood.

There are many conditions where even when used carelessly Electreat will give satisfactory results, but it stands to reason that those ailments which have become chronic must be treated systematically and with intelligence until there is a permanent resuscitation of the circulation in the diseased parts.

When physicians use Electreat upon their patients they do considerable thinking before and while making the application. When you treat yourself with your own Electreat, you must do some of the thinking and work for which you would have to pay the physician were you to take the same treatment from him.

In applying Electreat to the body you should keep in mind the location of the organs you wish to treat, their nerve supply, muscular control, motor centers and pain reflexes. The charts given have been carefully selected and simplified for your easier understanding and guidance.

## BLOOD PURIFICATION

Electreat does not treat or cure disease in accordance with the general understanding of medicinal therapeutics. It breaks up domancy and scatters congestion which are the breeders of disease. Just as we use water upon our hands and faces to remove the impurities clinging outside our bodies, so does Mother Nature use the oxygenated blood to cleanse those tissues which compose our inner bodies. The Electreat Mechanical Heart is a most successful device wherewith we can

force an increased circulation into any desired part of the body, thereby giving it a genuine cleaning out. The impurities (carbonic acid gas) being easily washed out with a super-flow of blood, there remains no irritating poison to incite the pain nerves and relief comes quickly.

Electreat really flushes out the sewers of our bodies and brings about that sanitary condition of our internal makeup so necessary to perfect health. This is a fundamental principle of the Electreat Mechanical Heart and explains the wonderful recoveries from chronic ailments. Electreat enables us at will to send the Life Fluid into any part of the body, to accompany that Life Fluid with the nutritious blood, to send the nutritious blood in such abundant quantities as to wash away the impurities. With the Electreat Mechanical Heart we can say to the ear, stomach, bowels, breast, etc., Perform thy function, and behold! they perform.

## LAW OF SUBSTITUTION

Under the law of substitution we place something we want in the place of something we do not want, and as two things cannot occupy the same place at the same time, the one crowds the other out. It is very similar to subtraction and addition shown in forepart of this booklet. One of the most desirable applications of this law is to substitute health for disease, good habits for bad habits. We have positive and negative, physical and mental, and various other dual conditions where one is just opposite the other. It is easy for us to diagnose our own ailment, see what condition prevails and then substitute the opposite, thus equalizing until brought to a neutral point—Health. This law is very useful in nervous disorders as it enables us to "trick a nerve." If, when the mouth craves a cigarette, you give it a taste of salt or other overpowering substance instead, it will become so confused as to soon cease craving for cigarettes. When a nerve is acting up and receives a shock from Electreat it also becomes confused and thereby proves the universal law—"The tendency of the human body after taking electrical stimulation is to return to normal condition." All electrical treatments are therefore beneficial unless the current is applied strong enough to burn or destroy the tissue. This can never happen with Electreat whose maximum power is limited by dry batteries and always kept safely below the danger point.

## HOW TO GROW STRONG

The athlete did not grow strong over night. Digesting strengthening foods alone did not make him strong. The strength of his body is measured by its power to contract, and all his strength was exercised into the tissues thru muscular contractions. Food strength lies dormant or passes on out thru the eliminating organs unless exercised into the tissues by the contraction of the muscles. When the heart contracts the blood is forced out into the arteries thruout the body to heal and strengthen. When the heart relaxes, new blood is sucked in, made ready for use.

You know that the Electreat causes your muscles to contract, and if you will give those muscles intervals of relaxation and nourishment between applications, you can cram and force super strength into the cell life of your body. The Electreat Mechanical Heart is not a fly by night contraption. It is a fundamental idea. It is a short cut to exercise, and will become more and more popular as physicians and busy business people become more familiar with its usefulness.



## POSITIVE AND NEGATIVE

In Electreat the roller, and all the metal part above the black insulating knob is the positive pole. There is a hole in roller screw for insertion of connector cord tip to extension applicators which may be "wet pad" (sponge) or metal. Metal applicators sting more than wet sponge, so when you want heat apply metal, and when you want muscular pull apply wet sponge. The positive current flows from the roller as in cut 5 and out thru sponge as in cut 2.

The barrel, and all below the black insulating knob is negative pole. Just under the roller, in top of barrel is a hole for insertion of extension applicators. In cut 4 the hand is the only contact with negative pole and feels the current very strongly. In cuts 9 and 6 the right hand and also the extension applicators is attached to barrel or negative pole, and left hand holding an insulating knob or sponge handle and thus being out of the circuit. The current is shown returning thru the sponge and cord, but sometimes it backs up thru the hand which can be prevented by wearing a glove or handkerchief to break the circuit and compel it to flow thru the cord as desired. Electricity always makes a circuit from positive to negative and flows over the line of best conductance or least resistance. Extension applicators always retain the polarity of the pole to which they are attached.

Chemically the normal reaction of the blood is slightly alkaline, and this alkalinity of the blood keeps up ones temperature and activity. Where there is a lack of circulation or the blood becomes acid laden, there is consequently a lack of this alkali element, the temperature drops and the part becomes cold and numb. Cold (acid condition) contracts. Heat (alkali condition) expands or relaxes.

When you hold the Electreat in both hands, cut 1, and turn on strong current, you feel the sting (heat) more in hand holding the barrel, than in hand holding the roller.

**The barrel is the hot, alkali or negative pole. It heats, stimulates and relaxes.**

**The roller is the cold, acid or positive pole. It cools, soothes and contracts.**

**POSITIVE**—Cord tip in roller. Acid pole, cut 25. Constricts arteries and veins. Checks hemorrhage (profuse menstruation.) Contracts and hardens tissues. Soothes. Benumbs. Relieves pain. Decreases inflammation. Dries or dehydrates tissues. Apply copper, zincs, iron and metals with this pole.

**NEGATIVE**—Cord tip in barrel, hold by roller. Alkaline pole, cut 24. Dilates arteries and veins. Increases hemorrhage (for irregular or insufficient menstruation.) Relaxes and softens tissues. Stimulates. Increases inflammation (brings boils etc. to a head.) Increases moisture, secretions of glands, lubricates. Apply iodine chlorine, salicylates with this pole.

Common household remedies and lotions may be placed upon the skin and the applicators used over them, or they may be placed upon the applicators and then applied to the skin. It is not our policy to give further information in the use of medicinal preparations. Consult your physician for same.

You will find relief from pain and suffering at the Positive Pole. The fabled fountain of youth at the negative.

## ROLLER APPLICATION

In Electreat the roller is the positive pole. All applications must be made in direct contact with the skin. In making applications to any part of the body, it would be well to first thoroly cleanse the skin, leaving it slightly moist. Turn on mild current and apply roller to left forearm. Now moisten the skin and again roll the muscles of the forearm. You will notice a very marked difference in the way the muscles pull and contract. Sometimes in applying roller you will hear a singing noise and may smell ozone, but feel very little current. The skin is dry and the current fails to penetrate, being turned into static and produces thermal or heat effects, sometimes very soothing and desirable, but most times disagreeable and too much sting; can be avoided by moistening the skin.

When you want the negative pole to be a roller for greater convenience in treating the back or limbs etc. you reverse the batteries, put them in wrong end first, and this reverses the poles of the Electreat.

## SPONGE APPLICATION

The sponge has always been the favorite applicator. Electricity seeks moisture and it prepares the way, making the best contacts for deep penetration, avoids the heat stings and gets the best muscular reaction. Many people insist upon having two sponge applicators and attaching one to each pole. Always cleanse your sponge after each application by washing with soap and warm water, (boiling water will ruin a sponge) then use a liquid disinfectant. Sponge applicators are cheap, only 15c, and you should have extras for each member of family and even for different parts of the body. Do not return them to the factory for sanitary reasons, as we will not repair them.

## INTERNAL ELECTRODE

The Internal Electrode is a part of the regular equipment of the two cell Electreat, being of inestimable value in the treatment of constipation and sexual ailments. It permits of direct application to internal lesions and has produced wonderfully satisfactory results in the treatment of Piles. Women often being able to increase the menstrual flow by attaching to the negative pole, or check the flow when attached to positive pole, find it a most happy relief in their periods of distress. When the glands begin to fail and on comes the change of life in women and prostatic trouble in men it affords a stimulation and invigoration that helps carry on until nature can perfect her adjustments.

To facilitate insertion use carbolated vaseline on electrode and outside the body, insert beyond the metal tip, then turn on the current. Inside the body the feeling nerves are scarce and undeveloped as there is little need for them inside, but near the orifice they are numerous and highly sensitive, so you may think the internal electrode is not working while inside, but if you attempt to withdraw it with the current still on you will get a surprise in electrical sensation. Always sterilize the internal electrode after each vaginal or rectal use. Cover with carbolated vaseline and then wipe off or use lysol, alcohol, etc. Hot water would ruin the rubber. Even tho the internal organs may be very sensitive or sore, there is no danger in the use of the internal electrode if you are reasonably careful and do not get viciously rough with yourself by forcing or using unusually strong current. Step up the current slowly until you become accustomed to it and learn just what strength brings you the best results.





ELECTREAT MFG. CO., 2301 N. ADAMS ST., PEORIA, ILL. U. S. A.

### FACTORY AND SERVICE DEPARTMENT

Never tamper with your Electreat. If it gets out of adjustment, fails to buzz or throw the current as it should, remove the batteries at once to avoid further injury. Do not give it to agent or take it to local repair shop. Place your name and address plainly written in the barrel of the Electreat, together with 50c or stamps, to pay for wrapping return postage and two new batteries, then mail it by insured parcel post to Electreat Mfg. Co., 2301 N. Adams St., Peoria, Ill. Refer to trouble chart page 3, and if you think you know where the trouble is, write and tell us so we will be sure to check and fix or explain your trouble. Wrap well with paper and protect with card board. Do not send the box or attachments to become lost or broken. We have the tools and know how to fix it. Adjusting the vibrator or cleaning the ignition points with very few exceptions is all that is needed, and unless the trouble is the result of rough usage, neglect, tampering, battery corrosion, old discontinued parts, or extreme wear requiring rebuilding or replacement with new parts, there will be no further charge and it will be promptly returned to you by prepaid and insured parcel post, together with two new batteries, ready to use again. Ask for our liberal trade-in allowance.

We make no charge for adjusting or servicing Electreats at the factory, but if sent in by mail we request 50c to cover return postage, new batteries and packing. If rebuilding or new parts are needed we add a nominal charge of 50c for the parts, making \$1.00 in all. If the cash accompanies the Electreat it is returned prepaid and insured. If not, it is returned C. O. D. 50c or \$1.00, plus all postage expense.

**NOTE:** If you are a real mechanic and can follow directions you might be able to adjust your own Electreat when the vibrators stick or it refuses to buzz. Remove batteries and look into barrel. You will notice a small adjustment screw. With a long, small screwdriver make a tiny turn to right (less than one-sixteenth turn, requires micrometer adjustment). Put in batteries and try it. Give it a jar to start vibrators. If it does not work by time you have made one complete turn to right, turn back and try other direction. Turning to right closes vibrators or spark gap and turning to left opens them. If you fail, very likely points are pitted and will have to be taken apart to file them. Unscrew operating button and three screws at top of barrel. Insides will then come out of barrel so you can see what you are doing. For any defect other than adjusting vibrators, Electreat must be returned to factory, or Service Distributor if in foreign country.

## HOW TO USE ELECTREAT

The fundamental principle of Electreat is exercise to enliven, oxygenate, resuscitate and strengthen those parts of the body to which it is applied. Short treatments stimulate and invigorate. Long treatments fatigue and relax. Always use current strong enough to obtain good muscular contractions, but not strong enough to be painful. Short vicious exercises will only make you sore, and you will have to begin over again. On the other hand as your muscles strengthen and harden, increase the exercise. Learn to take all the Electreat you can stand without sore after effects, and after you have learned this you will recognize many instances even where making yourself a little sore with Electreat will produce very beneficial after effects.

Think of yourself as being in two parts, animal and vegetable, the brain and spinal nerves being your positive pole, carry feeling and power of motion to animate every part of your body; the Solar Plexus and sympathetic nerves being your negative pole, gather nutrition or body substance from the abdominal organs and carry it to every part of your body to make a home for your personality. Suppress your animal feelings by applying positive pole, or increase your nutrition by applying negative. When you treat a certain spot, with a certain pole, for a certain purpose and wonder where to place the other pole, it is sometimes that of as the indifferent pole and contacted at some remote part, but generally held in hand or applied to abdomen below the solar plexus. If you do not get satisfactory results by applying the pole you think you ought to, try the other pole. Your diagnosis might be wrong and sometimes Electreat knows better when to tear down or build up than you do. Wherever exercise or manipulating with the hand would be beneficial, use Electreat.

**HOW TO RELIEVE PAIN.** All pain is in the brain. It must be carried there by the sensory nerves. Three ways to stop or check it. Short circuit it, cut 22. Force a current down nerve carrying irritones up to brain, cut 19. Locate motor nerve point, page 10, to painful muscle, then apply positive pole to soothe, cut 2.

**HEADACHE.** There is but one disease—congestion. Figuratively speaking, the maid (Solar Plexus) was too busy to empty the "ash pan" and the brain is raising a rumpus about it. Mechanically acting, you apply sponge positive to back of neck at base of skull and block the poisonous irritones away from the brain or drive them back upon the eliminating organs. Move sponge around to each side. Locate the spots that send intense vibrations over head, to ears, that draw head sidewise etc. Mild current to root of nose and take a deep breath thru nose. Mild current over forehead and temples or wherever there is pain. Use electric brush on scalp. Strong current to 7 C (cut 15) and 5 D if from stomach. Also tonic, cuts 2, 7 and 8. Also roller, or combined roller and sponge. Study the pain reflexes and locate cause if possible.

**NEURALGIA.** **Facial.** Sponge to pain. Move around in all directions. Get all the surrounding region loosened up. Similar to headache as above. Also see cut 3.



**SINUS CONGESTION.** Use two sponge applicators and saucer of luke warm water and apply Electreat hand massage cut 8. Thoroly moisten both applicators and then place negative to patient's Solar Plexus, holding the positive in your left hand. Dip finger tips of your right hand frequently in the warm water and then massage the sinus and surrounding locality including head and neck. The water will give deeper penetration and more pleasing results than a dry hand.

**NEURITIS.** This comes from an inflamed, possibly grounded nerve and may appear in most any part of body. Treat locally to relieve pain and generally to improve kidney elimination. Look for a grounded nerve or pain reflex. Diet until urine tests alkaline.

**SORE THROAT** Tonsillitis—Bronchitis—Goitre. Sponge or sponge and roller to throat. Pull head in various directions, treat, strengthen and build up all the throat muscles by continued applications. Apply sponge up and down neck and 7 C. A little sting will not hurt. Your throat needs heat and exercise, heat from the roller and exercise by making sponge pull all the throat muscles tensely.

**WEAK LUNGS** Pleurisy—Chest Pains. Massage spine between shoulders. Use roller over chest, sides and under arms. Hold in both hands, cut 1, strong current, breathe deeply, swing arms up and around as in physical exercise. Apply sponge 3 D and take tonic, cut 7. Breathe deeply so as to expand solar plexus.

**ATHLETICS** Strains—Lameness—Sore Muscles. Massage vigorously with roller, moisten skin, use pressure and strong current, cuts 4 and 5. The poisons from excess exercise must be worked from the tissues. Electreat bath and Tonic, cuts 10 and 7.

**LUMBAGO.** Weak Back. Massage with roller, kneading the lumbar muscles so as to thoroly work out the congestion and secure return of good circulation. Cuts 5, and 6 and 8. Apply sponge to lower spine and massage over pelvic region. If caused from sexual excess apply treatment accordingly.

**RHEUMATISM.** Sciatica—Neuritis. Nothing in medical science at the present day is more clearly established than that electricity should be applied for all kinds of rheumatism. The cure is sometimes slow and the cost often prohibitive. Electreat answers a long felt want by providing a most effective treatment easily applied by ones self in the home without loss of time, and but little cost. Frequent treatments are absolutely necessary and should be continued long after relief has been obtained. Use current sufficiently strong to send an intense vibration thru all the affected parts. You must not nurse rheumatism—you've got to fight it. Bend your muscles and joints even tho the pain is almost unbearable. Remember you will never have a stiff joint as long as you keep bending it. In inflammatory rheumatism a slight movement often produces intense pain; but continuing the movement, the pain gradually ceases. Electreat is very painful when applied to some forms of rheumatism, but if you apply positive, the pain will soon lessen. Whenever you touch a sore spot on any part of the body with the electric sponge there is a sensation of instant pain—hold the sponge on the spot for a few moments, take away and then replace, and the pain is not nearly so great—showing how quickly the electric massage relieves pain and soreness. Where rheumatism has become chronic, the patient can't use Electreat too much, too strong or too often.

**GOUT.** Tired Feet. Massage sole of foot, ankle and heel with roller or sponge and roller combined. Cuts 9 and 10. Stimulate liver.

**STOMACH.** Indigestion—Cramps. Cut 6. Sponge at 5 D and 6 D. Use pressure with roller. Massage around sides, over stomach, and entire abdomen. Mild current and increase. Make belly muscles pull and vibrate. Massaging over a cramped muscle usually relieves it almost instantly. Also apply negative to and around Solar Plexus.

**KIDNEYS.** Bladder. Massage back and lower abdomen. Cuts 5 and 6, only lower down. Treat 10 D and 12 D. Mild current and increase. Use internal electrode.

**LIVER.** The main chemical laboratory of the negative pole where-in the toxins and anti toxins which make for health or disease are distributed thruout the body by solar plexus and sympathetic nervous system just as the brain and spinal nerves distribute feeling and power of motion. Massage abdominal muscles using pressure. Lie on back, place roller just below navel to one side; sponge on opposite side, turn on strong current and hold for several minutes until abdominal walls undergo a vibrating spasm, thoroly shaking up all the viscera. Push sponge electrode up under tenth rib on right side, page 14. Sponge to 7 D. When the liver becomes inactive the body loses its power to eliminate poisons and fills up with sores.

**CONSTIPATION.** Massage abdomen, using pressure. Force the roller under edge of hips toward groins. Insert internal electrode in rectum; roll and massage belly for several minutes until it begins to sting and sweat. Make it draw up. Moisten sponge with Epsom Salts and apply to 11 D and 2 L. Constipation is usually the result of weak or lax abdominal muscles and they must be toned up and strengthened before a cure can be effected. If you have a big belly, or it sags in front, continue treatment until you draw it up and in, so that you sit and stand erect. A misplaced organ can't be expected to perform its function properly. See page 23.

**PILES.** Use internal electrode in rectum. Begin treatment with positive to relieve pain and soreness and empty the distended veins. Then change to negative to increase arterial circulation and start healing process. Nearly always brot on by constipation and straining at stool. Keep bowels open, watch diet, avoid reading while at stool. Thoroly massage limbs, hips, end of spine and lower bowels, also negative to solar plexus.

**SEXUAL WEAKNESS.** Male. The sexual organs obtain their nerve supply from lower end of spine, 10 D and 4 L, and the hypogastric plexus of the sympathetic. Massage thoroly lower part of spine, lower abdomen, groins, up and down thighs. For impotency and prostatic trouble use the internal electrode. Keep bowels free by taking treatment as for constipation. Female: Massage lower spine and abdomen, over ovaries, groins, and up and down limbs. Double application, sponge 5 L, and machine between limbs in crotch to concentrate circulation to ailing parts. Hold in hand and place sponge over pain. Tonic, cut 7, up and down entire spine. **Profuse Menstruation:** Lie down, elevate hips, sponge 3 L, also use internal electrode, (positive). Be sure to insert electrode, then turn on current, otherwise it will sting you. **Painful or Weak Menstruation:** Massage ovaries, limbs, lower spine and abdomen and use internal electrode (negative) in vagina and rectum, both.



Be sure and thoroly sterilize the Internal Electrode after each rectal or vaginal withdrawal before using otherwise. Take Tonic, cut 7, to improve your general health. Electric Bath, negative, cut 10, sitting in warm water for several minutes to concentrate circulation to proper organs, cut 8 applied to ovaries, etc. Massage heel and soles of feet. See reflex page 12.

**MENSTRUATION.** Coming on in early girlhood, often without thot or preparation, modesty acts as a mental restraint causing muscular contractions which retard the development and functioning of delicate tissues. Apply sponge positive to ovary if sore, followed by negative massage of all pelvic region, the feet being placed in tub of warm water. Avoid pickles, spices etc. in diet which also cause contractions, minature convulsions.

**MENOPAUSE.** When the flow ceases suddenly terrible nervous reactions take place, often resulting in spasms and mental disorders, perhaps followed by flooding. Where the electric massage has been applied regularly at this period, causing the parts to retain their activity, the flow is known to have decreased gradually, the person passing thru without a pain or hot flash. Use Electreat daily, local and general applications.

**ENLARGED PROSTATE.** Men are but little less fortunate than women in having to pass thru a period of organic distress. Anatomically the canal from the male bladder passes thru the prostate glands, so enlargement or swelling of these glands cause retention and difficulty in passage of urine. These glands develop in males usually after the age of thirty years. Medical authorities claim that over forty per cent of the men over forty years of age are suffering with enlarged prostate, the favorite method of treatment seeming to be to massage the gland with the finger. When a hand massage is good the electric is better. Use the internal electrode to massage the gland; short, frequent treatments, five to ten minutes produce best results. Care must be used so as not to bruise the delicate tissues. Use internal electrode in rectum. It is just long enough to insert metal part and hold rubber part in fingers, so it can be moved around slowly and rotated against prostate glands. Massage soles of feet until itching ceases. See reflex page 12.

**PARALYSIS.** is the disease which weakens the old theory that, "The brain generates the vital fluid for the body," and is the foundation for our conclusion that the solar plexus is the negative pole. In some paralysis there is complete failure of feeling and motion, loss of positive or animal polarity which comes from the brain but the part does not die, wither or waste away because it still obtains its nourishment or vegetable requirements thru negative nerve supply. While we show many paralytic recoveries with the Electreat, like with the pulmotor, there also will be many failures; those that are too far gone. If you can detect muscular reactions upon applying the Electreat to the paralyzed part there is hope for improvement and the Electreat should be applied persistently, many times a day. It is almost like bringing one back from the grave when you can restore a paralytic. Give local sponge, roller and concentrated applications. Follow with tonic, cut 7, keep all the eliminating organs active.

**DEAFNESS. Catarrhal.** Some forms of deafness may be quickly relieved with Electreat. It is not harmful in any case and is worth a trial. Personally, I can say that the eustachian tubes in both my ears had been closed for over seven years and were BOTH opened by this method of treatment. I now hear and understand much more distinctly. Apply sponge over and around ear, under jaw at base of ear. Massage all the muscles that show a tendency to draw or vibrate the ear. Apply sponge at base of one ear and roller at base of other. 2 C. Place tip of internal electrode in ear.

**TOOTHACHE.** Two tiny blood vessels, one carrying the blood in, the other taking it out—enter each tooth. Sometimes Electreat stops the ache almost instantly. Apply sponge to nerve that feeds tooth at place of pain. 3 C. Massage throat and chest. Cut 8.

**EYES.** Frequently weak eyes are the result of a weakened physical condition and can be improved with the Tonic, cut 7. Apply sponge direct to eye to relieve itching, soreness, or inflammation. 4 C. Cut 8. Use eyecup—one ounce of boracic acid to pint of water makes excellent wash for soothing or healing as in granulations.

**CATARRH. Asthma, Hay Fever, Flu.** Apply sponge to root of nose over frontal sinus, mild current, draw in deep breath, massage throat, breast and spine. Helps break up, throw off congestion, and keep air passages open in Flu.

**BROKEN BONES. Contusions.** When a bone is broken the doctor binds the parts together with splints and for fear that you will pull the break apart, ties you up so you can't move the parts. Lack of exercise slows up the circulation and a numbness follows. In a few days the parts begin to itch and burn and you desire to rub them. If water ever quenches fire, the wet sponge will now surely do it. Turn on mild current and apply sponge positive above, below and around, until itching, burning and soreness is soothed, then apply negative to bring new circulation and healing protectones. Just be careful that you don't pull the muscles strong enough to move the bones, and they will knit together quicker, stronger and better, and you will get well about one-third sooner than you would without the Electreat. After a surgical incision has healed, using the Electreat helps unite the severed nerves and vessels and causes the scar to grow strong and lose its numbness or funny feeling. Wherever massaging with the hand is good, massaging with the Electreat is better and no one can appreciate it more than when suffering with a broken bone. Cuts 8 and 9. Sometimes, many years after a broken bone or injury was thot to have healed, weather changes or physical conditions cause it to ache or pain. The Electreat usually checks it quickly and we have known some wonderful improvements after many years of suffering.

**BURNS. Cuts, Sores.** Apply positive to soothe and relieve the pains, then negative to oxygenate, resuscitate and heal.

**HARDENING OF ARTERIES. Varicose Veins—Dropsy.** These conditions indicate great impairment of bodily health and function. Systematic treatment with Electreat usually brings relief and improvement.

**CRAMPS OF CALF,** usually at night. Very painful. Serious condition. See pain reflex page 12. Have Electreat under pillow. While



cramp is on run roller up and down calf. May make it hurt worse for a moment, but will quickly get better. Avoid drafts upon feet and calf, particularly in summer when it might check sweating or perspiration. Keep your feet warm and the bowels open.

**NERVOUSNESS.** **Insomnia. Tired Feeling.** If when we doze to sleep we awaken suddenly with a start, it shows we had contracted muscles that were restricting the full use of the lungs, that when we went to sleep the muscles relaxed (let go) allowing the air to rush in and fill up the unused parts of the lungs, actually shocking us into awakening. This partially explains why we exhaust vitality during the waking hours and how essential is relaxation and sleep to recuperation. Take Electreat to bed with you, cover up nicely until you perspire slightly—you are then in an ideal condition to take electric treatment. Clasp roller in left hand and turn on current with right until you feel the desired strength, then use massage roller upon any part of your body. When you feel yourself getting tired or sleepy, turn off current; your muscles and nerves have relaxed, you will sleep soundly and wake up thoroly refreshed. Without relaxation there can be no repair of bodily tissues. Electreat will give you relaxation, and nature will make you well again. See page 24. Quit the pace that kills and seek a place of rest. Visit Sweet Skin Sanitarium at Ouray, Colorado. See page 46.

**TONIC.** **Health Improvement.** Cuts 7 and 8. By referring to cut 15, it will be seen that the feed nerves to every organ and all parts of the body emerge from the spine. By treating up and down the spine and over solar plexus every part of the body is stimulated and invigorated. Place sponge between shoulders and run roller up and down entire length of spine, also pass roller to all parts of body. Move the sponge downward, continuing to massage all parts of the back, sides, under arms, etc., with roller. If the sponge detects an overly tender spot, locate the place and study what feed nerve underlies that point; the organ it nourishes is ailing and needs treatment. Just a little to one side of center of spine you will feel the keenest vibration and electrical effects. Work sponge up and down both sides of spine so as to stimulate all the feed nerves and ganglia. Part of time you have the sponge to top part of spine and roller to lower, then you reverse. Use current strong as patient will stand. Treat for about 30 minutes. Study the muscular reactions while taking this treatment and you will learn a great deal about your anatomy and where to treat for particular ailments.

**REDUCING WEIGHT.** Fat people have weak hearts and poor circulation; not enough blood oxidation and combustion to burn up excess foods taken into system. Restrict diet and increase exercise. Rise early, then before dressing, grasp barrel of Electreat in both hands, massage bowels, stomach and solar plexus strong as you can stand with roller positive, let it smart and sting till you contract stomach against back bone, then roller up and down spine and all over body contracting all parts. Repeat two or three times daily if convenient. See cut 25.

**INCREASING WEIGHT.** Retire early. After undressing, attach sponge to barrel of Electreat, grasp roller and apply sponge negative to solar plexus, stomach, bowels, base of brain, up and down spine, and over body relaxing all muscles. Sleep all you can, eat plenty rich

foods, lounge around and refrain from heavy exercise. Smile, crack jokes and do not worry. Drink plenty soft water. See cut 24.

**ELECTRIC HAND MASSAGE.** **The Touch That Soothes.** To some sensitive delicate organizations the electric current seems a little harsh, and can be greatly mollified by first passing it thru another person as in cut 8. This treatment is always desirable in all cases of pain, nervousness, neuralgia, or inflammation. It combines personal magnetism with electricity and if properly and sympathetically administered, nothing can be more soothing to highly sensitive nerves. The masseur holds the positive pole and massages with his hands or finger tips the painful or inflamed part of the patient's body. Very efficacious in female troubles.

**ELECTRIC BATH.** **For Skin, Health and Beauty or Nervousness.** May be taken in any sort of vessel from washbowl to bath-tub, and applied to any part, or as much of body as desired. Hold Electreat in the hand (keep machine out of water), drop sponge in water, turn on current and immerse part of body you wish to treat. Absolutely no danger. Current isn't strong enough to injure in any way. Cut 10.

**SKIN.** **Beauty Treatment, Pimples and Eruptions.** Keep outer skin clean and the pores open. Enduring beauty comes from the inside—from the blood, from good circulation. Negative pole makes you plump and rosy while positive removes surplus tissues and hardens. Use sponge, or roller, or combined. Cuts 2, 3, 4. The outer skin is constantly scaling off and renewing from beneath; how clear it is depends upon the health of the under or permanent skin, which is a mass of tiny blood vessels that must be kept working constantly. For body applications the roller is preferable, but for face, most use the sponge. We apply the sponge to a spot at a time, while the roller is usually kept moving from place to place. For freckles, saturate sponge with lemon juice.

**TO ENLARGE BUST** or increase the flow of milk, attach sponge to handle (negative), cut 24, grasp roller (positive) in the one hand and with the other massage with sponge toward the nipple. To relieve soreness in breast or dry up the glands, apply sponge positive, 4 D, and also to nipple.

**HAIR AND SCALP.** Cuts 11 and 12. Dandruff is a natural condition, a sloughing off of the scalp just as a snake sheds its skin, but this dead skin if allowed to accumulate in the hair becomes itchy and must be brushed, raked or combed out. If allowed to fall upon nape of neck or shoulders it will also give you an itchy back. A clean scalp is essential to its health. Electreat is very efficacious in stopping the hair from falling out. Connect the scalp brush, use mild current and press down to scalp until you feel the electricity. Use it just like an ordinary hair brush. One method, we apply the electricity to the scalp by pressing down on the wire bristles until it stings. This removes the dandruff, brings out the natural oils and secretion and keeps the brain active. Another way, we brush the hair, not touching the scalp at all. This is to make the hair grow, keep it fluffy and lustrous. Attaching scalp brush to positive pole and brushing downward is very soothing to brain and often used in nervousness and sick headaches.



## TESTIMONIALS

Electreat has been on the market since 1918, is patented, (accept no substitute) has been sold in every state and territory in the United States and many foreign countries. The original copies of the following testimonials are on file at our factory and may be inspected by any interested parties. We did not guarantee the Electreat to cure their diseases or ailments. We urged them to buy and use it for the good it might do toward relieving their pains, enlivening the tissues, improving the circulation and in various ways assist nature toward physical improvement. What it has done for others it may do for you, and if you suffer similar conditions we hope it will prove as valuable an investment to you, and that you will be as courteous in writing and telling us so. If you will study this book carefully and learn to use the Electreat intelligently as these people have done, you will find it worth many times the price you paid for it.

Electreat is not a miracle worker or cure all. It is a conditioner, an emanation of fire and water, a whole (wholesome) tonic for the various members of the family. Six per cent of the entire Japanese population in the U. S. have already purchased one. Why? Not because they are a sickly people, but because they believe in massage and relaxing their muscles as the best of health medicines.

### CONGENITAL PARALYSIS

3-18-20 My son was paralyzed from birth and had never been able to take a step when he was four years old. At that time we purchased an Electreat and commenced to give him regular treatments. In a month we had him so he could walk a few steps and now within a year he can walk down town or go anywhere. Electreat has been a Godsend to my son and we are thankful to your Company for it.

Mrs. B. O. S., West Frankfort, Ill.

### INFANTILE PARALYSIS

3-6-25 My daughter had Infantile Paralysis when ten months old and we had a complete cure by using Electreat.

Mrs. G. T., Glendale, Calif.

### INFANTILE PARALYSIS

3-5-28 I bought one of your Electreats from Mr. R. A. Roberson for my little girl that had Infantile Paralysis, and we have used it on her for a little over a month. She can walk every place now, and she couldn't move a muscle in her left leg when we started with the Electreat.

M. R., Marlow, Okla.

### YOUTHFUL PARALYSIS

I consider Electreat a Godsend to my home. My son, Leroy, aged ten, was a helpless invalid due to paralysis in the lower limbs, for a period of three and one-half months. As he could not walk it was necessary for me to carry him about the house. After using the Electreat for two days he started to walk and has been improving ever since. Anyone in doubt, call or write,

Mrs. T. P., Akron, Ohio.

### MIDDLE AGE PARALYSIS

8-10-21 About two and one-half years ago my husband was struck with Paralysis and was helpless at times. Had no use of his left side, could not grip anything in his left hand at all. After using Electreat six months he appears to be as strong as before he had the stroke of paralysis and he is at present City Marshal of our little town. Mrs. A. O., Mooringsport, La.

### PARALYSIS, SIX YEARS

11-3-23 To whom it may concern: I have been paralyzed for six years. Was almost helpless, purchased an Electreat and after two weeks' treatment I am fifty per cent stronger. I feel in a short time I will be able to go back to work again. Think of that, after six long years of suffering. One week ago I couldn't lift a fork to my mouth, now I can lift a 25 lb. weight. Electreat is certainly a wonderful invention.

P. R., Trenton, N. J.

### JAKE LEG PARALYSIS

7-18-30 Sirs to whom it may concern: Last Tuesday (four days ago) I received your Electreat machine. It is doing wonders for my Jake Leg and fingers. Could not write with pen before I used treatment. How glad I am today to have found the proper cure. You can use my name for testimonial if you wish.

C. F., Soldiers' Home Branch, Johnson City, Tenn.

Note: We thanked this poor fellow and sent him one of our Palm Pads free of charge, also asked for further information as at that time we did not know what Jake Leg meant.

7-24-30 Sirs: Received sponge in good condition thanking you for the same. Will recommend your Electreat machine to the boys that are in the same condition as I am. It is helping me wonderfully, have had this so called Jake Leg since March, not only drinking ginger—only drank two bottles of that, but drinking that poison booze since Prohibition. It has poisoned thousands of people since last March and has sent tens of thousands to hospitals throughout the United States. If these people knew what your Electreat is doing for the people that have used it, they would not hesitate sending for one. It certainly is doing my whole system good. I am so happy since I've started using electricity and will recommend it to all my friends. I am so much better for using it only for a week and feel it has already paid for itself. Excuse bad scribbling, but will be able to write better in a few weeks I hope. Thanking you for your kind advice and consideration, I remain, Respectfully,

C. F., Soldiers' Home Branch, Johnson City, Tenn.

### PARTIAL PARALYSIS

5-5-23 The Electreat helped Mrs. S. brought feeling to her legs that were numb for 17 years—partial paralysis. The neighbors say, "Why you can walk so much better than you did before, etc." G. S. Roundup, Mont.

### NUMBNESS

9-16-22 About two months back I was at Hot Springs, Ark., for treatment which did me no good, but I purchased an Electreat and have used it and it has helped me. I had a dead feeling in my feet and legs and it was getting worse, but since using your treatments I am getting better.

M. F. B., Billings, Mo.

### ANEMIC

12-1-30 Our little boy, aged seven years, is anemic. He had no appetite. We doctored all last winter with very little results. After using one of your Electreats his appetite has improved wonderfully and he has gained 2½ lbs. in six weeks. We are very much pleased with it and would not be without it. For sore throat, it will cure it in half dozen treatments.

Mrs. H. C. M., Findlay, Ohio.

### ARRESTED DEVELOPMENT

9-20-27 My baby boy was 20 months old, but did not walk or even try. He was underweight and didn't try to play or do anything but sit around. Since using the tonic treatment with Electreat for five weeks he walks and plays like he should and is gaining weight rapidly.

Mrs. J. B. O., Lewisburg, Tenn.

### HEADACHE

5-6-27 As I have one of your Electreat machines I wish to say it has done me lots of good. It has relieved my headache many a time, and also other pain. I let my neighbor use my machine for headache and he says it has also relieved him.

F. J. H., Jonesburg, Mo.

### HEADACHE

6-19-23 I used the Electreat and it surely has done me a world of good. Have had headaches for years and the doctors could do nothing for them except the Chiro. relieved me for a while, but this has helped me more than anything I ever tried or did.

Miss C. N., Fort Dodge, Ia.

### NEURALGIA

10-8-21 The Electreat came just in time for I was suffering with neuralgia in head which came from a bad cold. The neuralgia was bad, severe pains in head, temples and principally upper jaw. Lo and behold! in just four minutes after applying Electreat I was entirely free of pains, yet I was very anxious for I really expected a relapse during the night, and before I went to bed I gave myself another treatment of about five minutes and to my pleasant surprise not a sign of a pain has made itself known since. More than that, my teeth are in better condition now than for a long while back. Up until I began treating with Electreat it has been two or three years since I could masticate food on left side of jaw, and now I can chew tough meats. I did tonight, just five days after starting using Electreat. To put it in words I cannot do, but I am just delighted with it and would not take \$100 for it at this very minute if I could not get another. I give myself 20 minute treatments each day from head down to knees.

F. J. B., Anaheim, Calif.

### NEURITIS

I suffer so much from muscular rheumatism and neuritis and there is nothing like the Electreat to relieve pain. I have been so much benefited by its use.

Mrs. M. E., Winston-Salem, N. C.

### NEURITIS

9-24-27 I am a user of your Electreat machine for neuritis in my knee which I could get no relief for six months. Now I can bend my knee and it does not cramp. It is a wonderful thing. Forever praising the Electreat.

Mrs. H. C. K., Belleville, Kans.

### NEURITIS

I have been troubled with nerve trouble and rheumatism, couldn't work nor sleep and spent many dollars doctoring, but no good and I bought an Electreat of Mr. Miller. I can work and sleep now and think a great deal of my Electreat. So many thanks to the Electreat Mfg. Co.

Mrs. C. McC., Minerva, Ohio.

### SINUS

7-3-26 About two months ago I began using an Electreat on my husband who had a slight stroke of paralysis, and arrested it in a short time and restored him to his former self. Have made some wonderful discoveries from its use. Cured my daughter-in-law of Asthma and Sinus trouble in three days. She never had fever after the first treatment. The physician wanted to have her X-rayed and go to a Specialist, but Electreat saved her the expense and suffering also. The more I demonstrate with it, the greater I think of its possibilities. In using the hand treatment, as in cut 8, for Sinus and all sensitive and soreness, I get far better results. You may use this as a testimonial if you desire.

Mrs. M. B. H., Montgomery, Ala.

### RHEUMATISM

5-15-22 As your representative came to my house about a month ago, I purchased one of the Electreats. Before I received the instrument I could not walk. The second treatment that I used it, it got me so I could walk. I have used it twice a day for one month, now I go to ball games and also play. I have had the worst kind of rheumatism. I am thanking the salesman and the Electreat Mfg. Co. of Peoria, Ill. It was a God-send to me and I advise anyone that has any ailments in their home to try Electreat. It has cured me and I know it will cure others.

J. H. G., East St. Louis, Ill.

### RHEUMATISM

11-12-24 I purchased an Electreat from you three weeks ago and am anxious for you to know what it has done for me. I have had rheumatism for 30 years and have spent several thousand dollars in doctor bills, going to Hot Springs and changing climates, without getting relief. Have used the Electreat for three weeks and I am thankful to say that I can now walk without a cane and improving more every day. I cannot recommend the Electreat too highly. Will be only too glad to tell anyone in person.

W. H. D., Portland, Oregon.

### RHEUMATISM

1-18-30 Stop your pains and aches with Electreat. I would not take \$1000 for my Electreat and for the twenty treatments I took it did me more good in three weeks of Electreat than all the medicine and doctors did for me in five years. I feel fine. My rheumatism all gone, cured my stomach trouble and also cured my weakness. I could not walk across my room unless I held on something for help. I could not walk down steps my knees used to give way. I could not sleep night or day or sit long at any time. I could not stand, at times I would fall and hurt myself. Thanks to you and the Electreat my strength and vigor is back. No more pain, sleep soundly all night. I can do my cooking, housework, cold never bothers any more. My stomach trouble banished.

Mrs. A. V., Houston, Texas.



## RHEUMATISM

10-14-22 When I received the Electreat I had been unable to walk without a cane for six weeks. Had been under treatment of the doctor the entire time and seemed no better. After the first treatment of your Electreat I was able to walk without my cane and have been improving ever since. I cannot say too much for it.  
B. F. J., Garner, Ark.

## RHEUMATISM

5-15-23 Your treatment for rheumatism surprised me very much. A friend recommended it to me last week. I used it almost all the time I was not asleep and to my surprise it has cured me. I have been trying all remedies, but your Electreat beats them all. Have had rheumatism for seven years and bad for four months, getting to where I could not stand on my feet. When I first commenced to use your Electreat I could hardly bear the touch of the thing, but soon got to where I could stand the pulling and pain it caused by pulling the pain out of the muscles, and at noon today I got up and came to my office for the first time in weeks. Can work without having to sit down every few minutes. Want to continue the treatment, therefore am ordering the new cells and electrode.  
J. A. T., Albany, Ala.

## RHEUMATISM

The Electreat bath has done me good, I am getting well. Everybody in this country knows that I have been having rheumatism for twenty years and am now better than I have been in ten years.  
J. M. D., Portland, Ind.

## RHEUMATISM

1-18-23 In 1921 I sent to you for your Electreat and like it very much. Have used it for rheumatism and nervousness with good results. I want to buy one for a friend. My own Electreat seems as good as new, and I have used it very much.  
Mrs. E. H. R., Rantoul, Ill.

## RHEUMATISM

2-24-21 During the past week a little instrument manufactured by you known as the Electreat was brought to my notice when it was used by a physician on my sister in a severe case of inflammatory rheumatism. It relieved her of pain for the first time in two weeks. We consider it very remarkable, as the suffering has been intense and she suffered especially severe pains all day Friday, Saturday and Sunday morning.  
L. R. Chicago, Ill.

## ARTHRITIS

9-14-27 A few days ago I purchased from your local representative an Electreat machine. Have for many months been afflicted with Arthritis (or rheumatism of the joints.) While demonstrating the machine she kindly gave me a treatment on my hands and arms and I can now close my hands without the slightest twinge of pain. This result I have secured after treating myself about ten times.  
G. H. H., Fairfield, Iowa.

## ARTHRITIS

6-22-23 The arthritis of my right hand is much better in two weeks. For five years could not move my wrist, the hand would stand out straight. Now I can move the hand up and down from the wrist one-half inch. Still sore, but none of the agonizing pain I have suffered for years.  
Mrs. C. H. S., Long Branch, N. J.

## SCIATICA

11-20-25 I have one of your Electreat machines which has done me a great deal of good. It relieved me of a Sciatic strain after four doctors could not do anything for me. I have been recommending it to my friends.  
J. M. C., Combs, Ky.

## SCIATICA

2-22-27 I do not know how to express in words the benefit I have received from your Electreat machine. Have had Sciatica Rheumatism for years, would not rest without the machine in the house.  
Mrs. T. F., Shelbyville, Ind.

## LUMBAGO

5-4-23 For ten or twelve years I had lumbago in my back and I had the headache for two and three weeks at a time. While I was in Hot Springs, Ark., in January, 1923, I bought an Electreat from your demonstrator and cured my Lumbago in one week. Also my headache. There is no medicine will ever come up to these machines. My home doctor wants one of them.  
A. D. D., Gilmer, W. Va.

## KNEE JOINT

6-23-22 I must say your Electreat is the most practical and mechanical device I have ever seen for the different ailments which the human body is subject to. My trouble is knee joint injury in the left leg, which disabled me to walk without a cane. I have in the last two years rubbed in over \$25.00 worth of liniments but received no relief. Since I used your Electreat I can feel a big change for the better, and think I will soon do away with my cane.  
F. K., Vallejo, Calif.

## BROKEN BONES

7-20-26 I was in a car wreck and got several bones broken. Doctor said I would die. By chance I got hold of one of your machines, quit the doctor and began to get better at once. I think it is the grandest thing that I have ever seen. I had it a short time and it has done me so much good. I had it borrowed, that happened in Vernon, Texas. When I got home I ordered one.  
G. T. T., Lamesa, Texas.

## BROKEN BONES

7-18-30 My family and I have derived considerable relief from the use of the Electreat. I tell you it is as necessary as a broom. For sick folks it sweeps out pain and comfort in, even in cases of broken bones.  
Mrs. G. L. McA., Nashville, Ark.

## BROKEN BONES

This is to certify that I have tried electric treatments and cannot speak too highly of the Electreat. I had a fall from a scaffold and it injured me all over. I suffered untold misery, doctoring all the time. None did me any good. I got no relief until I tried the Electreat treatments, now I am well, stronger than ever. Am fifty-four years old and feel like a boy in my teens. Anyone with any kind of ailing should not fail to try the Electreat.  
G. W. I., Quincy, Ill.

## EARACHE

3-24-30 I use my Electreat for rheumatism and poor circulation. It stops the pains of rheumatism right away and I have used it for earache on my little boy. It stopped it right away. I think if they are used plenty and the right way they will do people lots of good. I wouldn't be without mine.  
Mrs. A. S., Louisville, Kans.

## DEAFNESS

7-16-30 I bought one of your Electreat for deafness. Say it is a wonder. Had head noise, in three days that left me and I can hear much better, besides I loaned it to a friend ten days that was worse than I was.  
J. E. C., Holdenville, Okla.

## DEAFNESS

7-10-29 I am 78 years old and have been suffering with many pains in different parts of my body until lately I purchased one of your Electreats and I am pleased to say that the use of it has given me complete relief and also my deafness much improved.  
A. P. J., Superior, Mont.

## EAR NOISE

Have been suffering with a roaring in my ears for years, and after using the Electreat it has gone entirely. Also, has relieved my limb from pain caused by a bad break. I would not part with my Electreat for any money.  
J. K., Philadelphia, Pa.

## TOOTHACHE

12-5-19 Your Electreat is truly a little wonder. I have used it for over a year and would not part with it. Truly I don't know of any ailment I feel it is not good for. When I began to use it I could not comb my hair or dress myself, now I feel like a new person. Everybody ought to have one. It is wonderful for headache, toothache, earache, rheumatism. All these I can vouch for, and I wish everybody could be the owner of one.  
Mrs. E. S. W., Peoria, Ill.

## ABSCESS—DIAGNOSING

4-26-27 One of your agents applied the Electreat to me, but did not know what was happening until I told him of the electric current which was detecting my eye trouble. This eye trouble traced back to a decayed tooth. I have been having styes on that same eye for two months, and did not know the cause. I will have the decayed tooth extracted, because there must be an abscess. The Electreat is a certain abscess detector.  
W. G. B. (School Principal) Gilliam, La.

## TONSILITIS

8-11-20 I sprained my neck when a boy and was greatly bothered with tonsilitis. Your Electreat took the soreness and stiffness out of the cords. Very quickly too. It is the best thing I have ever found for sore throat.  
W. E. B., Lacon, Ill.

## CATARRH

2-5-24 I am using the Electreat I received from you a week ago and think very much of it. It surpasses anything I have ever used for Catarrh.  
D. R., Twisp, Wash.

## COUGH

2-5-27 Five weeks ago I purchased one of your wonderful little machines called Electreat, and in five treatments stopped a cough on my daughter. It was caused by an enlarged uvula and had been every winter for five years and would cause her to miss school for two months at a time, treating her all the time, Osteopath and Chiropractor, medicine and even a throat specialist. The Electreat has also helped so many of my friends.  
Mrs. M. G., Pawhuska, Okla.

## THROAT

8-11-20 I have had throat trouble nearly all my life, having burned it with lye when a child. Sometimes I could hardly talk above a whisper. Have taken various kinds of medical treatments with very little results. The Flu settled in my throat and left me with a stiff neck. I purchased an Electreat and commenced to use it regularly on my neck. It gave me immediate relief and in a short time I had all the soreness out of my throat and neck. After a few months use of Electreat I feel that it has entirely cured me.  
A. R., Peoria, Ill.

## FLU

9-20-20 I bought one of your Electreats and it has done wonders for me in a few treatments, as I had the Flu three times and never got entirely over it but your Electreat cured me in five days. I treated a few others and it gave wonderful results.  
S. M. F., Howard, Kansas.

## FLU

4-5-22 I have been suffering for the past five weeks with after effects of the Flu, which settled in my kidneys and bladder. I suffered intense pain continuously. One treatment by your Electreat entirely removed all pain and soreness and no symptoms of a return. I cannot speak too highly of your Electreat.  
Mrs. T. R. H., Roanoke, Va.

## FLU

10-30-24 I want to tell you how much I think of the Electreat. I have been layed up with the Flu for two weeks and have been taking doctors medicines, but did not seem to get over it, but began Electreat treatments and now I am able to work every day and am just about well. I am thoroly convinced that it is the grandest thing I know of.  
B. E. D., Portland, Oreg.

## FLU

1-15-30 In Aug., 1923, I had the Flu, then the Bronchitis and by Feb., 1929, I couldn't walk. I took rheumatism. Had the best doctor in town. I got no better, got worse all the time, and in June, 1929, they took me to Hot Lake Sanito. Felt sure my time had come. I stayed there as long as I had any money, \$4.75 per day besides the doctor bills. I came home, never got so I could walk to town only three blocks, then in November last a friend from Seattle, Wash., was here saw how I had suffered and told me he was going to send me something that would cure me. The Electreat is what he sent and now I feel so happy I just want everybody to have one. I can do all my work and can walk 5 and 9 blocks, go up stairs, do everything I want to and I feel so good in every way. My friends that knew how I was all want one.  
Mrs. W. E., LaGrande, Oregon.

## ASTHMA

10-12-25 I find the Electreat a wonderful little machine. In fact my mother could not be without one. You can use this as an endorsement if you want to. She has stopped a spell of asthma in a few minutes, spells she has had to have the doctor for times before. It keeps up her circulation so that she is warm all the time. She is 79 years old and has her health thru the Electreat.  
Mrs. A. B. J., Burlington, Iowa.

## ASTHMA

5-21-30 Have been sick every winter with asthma, had choking spells and would be sick all winter. Got along so nice this winter coughing spells were very few since I used the Electreat.  
Mrs. E. N., Sheboygan, Wisc.



## EYESIGHT

1-4-22 Before using the Electreat I was so blind I could not see the victuals on the table. After using, I could see better and read without my glasses, and my health is better than has been for five years.

A. M., Bonner Springs, Kans.

## GRANULATIONS

12-2-29 After brief layoff due to bad case of Trachoma or granulation of the eyelids, I am back on the job and I give the credit to the Electreat. It is a wonder.

W. J. Y., Spokane, Wash.

## GOITRE

I bought an Electreat from one of your agents. I am using it for an inward goitre. Since using it my neck has gone down almost two inches. It was 15½ inches, now it is 14 inches in size around my neck.

Mrs. B. O. C., Rimersburg, Pa.

## GOITRE

10-28-30 I am getting good results from the use of my Electreat for Goitre and general nervousness.

A. L. G., Galion, Ohio.

## LUMP

12-5-30 The Electreat is beyond description, it is so quick and dependable. My husband had a stroke of Paralysis the 26th of August. I think the Electreat has done him more good than all the medicine he could have. He is better every time he gets thru with the Electreat. I have been using the Electreat for my deafness and it has taken a lump off my throat. I cannot praise it enough, it has certainly been a God-send to us.

Mrs. R. F. W., Dodsonville, Tex.

## TUBERCULOSIS

7-7-23 I have had the Electreat since March and do not think I could get along without it. I am a sufferer of Tubercular trouble and find great relief and comfort in my Electreat.

Miss B. N., Aurora, Colo.

## TUBERCULOSIS

11-2-29 I am a Tubercular patient from the World's War and have been using one of your Electreat machines since along in August. Have found that it helps on T. B. in more ways than one, as I believe it has helped me at least 100 percent.

W. C., Tucson, Ariz.

## HEART PAIN

A few weeks ago I purchased one of your Electreats and I feel so much better. I had neuralgia of the heart. The first treatment relieved me and the third treatment cured me. I have had no more pain around my heart, it has helped me in so many ways that I feel like a new woman.

Mrs. C.A.F., Fayetteville, Ark.

## HAY FEVER

8-18-22 Your Electreat is certainly wonderful and has done wonders for my Hay Fever. I could not do without my Electreat. It was given me by a friend and has been and is very useful in Hay Fever attacks. I do not suffer from Hay Fever nearly as much since I use the machine whenever I feel an attack of sneezing coming on.

Miss B. P., Parker, S. Dak.

## HAY FEVER

9-27-27 I have spent \$2000 for hay fever. Have gone to Petoskey, Mich., fourteen years at \$125 per year, besides losing my time. I can stop the sneezing in any case of Hay Fever in 15 to 25 seconds. I have stopped it 500 times this year. When you control the sneezing you stop the asthma 50 to 75 per cent. It works on me and the only thing I have ever found to help me at all and I have had Hay Fever with Asthma bad at nights since I was nine years old. I am now 74. I never have it at all when I go to Petoskey, Mich. I have stayed home for the last two years and have killed it dead every time, 1000 times in the last two years. When I start sneezing I grab my Electreat and press is hard against the little duct in my nose, down my nose and the water starts running down my nose, dropping off, then over my forehead, starting the fevered blood to running in my cheeks and eyelids. It usually stays off from 2 to 4 hours, sometimes a day, and when it starts I stop it in 10 seconds, hardly ever sneeze more than once. The ducts open, the nose opens and the sneeze is gone right away. I will make affidavit to the above statement if asked to. I regard it the most wonderful instrument that was ever invented and I am sure you don't know half the things it will do.

A. D. R., Greenfield, Ill.

## ENLARGED HEART

2-2-29 I have experienced wonderful results from the use of the Electreat, namely revived circulation in three of my fingers and most astonishing improvement in my heart, pronounced by Gov. Doctors as enlargement of the right side. My general health is perceptibly improved.

H. G. F., Elizabethton, Tenn.

## STRAINED MUSCLES

7-11-21 I twisted my leg on the very day that I got my Electreat and it sure did surprise me. It was impossible for me to walk any distance without a cane, but after only three treatments I threw the cane away. I also astonished a neighbor who had been suffering with a headache so bad that he could hardly see. I gave him the headache treatment and in less than two minutes he was completely cured.

E.H.W.J., New Glasgo, Nova Scotia.

## PRAINS AND BRUISES

I have been using the "Electreat" on the members of my athletic teams, suffering with sprains, bruises, etc., for the past six months and have found it to be very satisfactory. I have obtained results in every case and at present I am using it on the arms of my baseball pitchers to keep them in condition.

G. L. D., Athletic Director,  
Lake View High School, Chicago, Ill.

## VARICOSE

3-27-28 I have used your Electreat for two years and got great results from it. I had a bad leg. I had what you call varicose veins, the doctor wanted \$125 to cure it. I cured it in 30 days. That was two years ago. I never had any pain yet from it. Please send me one of your Internal Electrodes and directions how to use it. I want to use it for Piles.

S. M. B., Pittsburgh, Pa.

## ACIDOSIS

10-3-22 I would not do without my Electreat. It cured a cold and is a great help to me in relieving an acid stomach. My wife uses it for the headache, it gives relief.

E.W.M., Carta Valley, Texas

## STOMACH

9-7-27 I have used one of your Electreats for eight or nine months and am completely cured of ulcers of the stomach. I think it is a wonderful machine. We use it for all aches and pains.

Mrs. J.W.H., Tecumseh, Okla.

## STOMACH

12-2-22 I bought one of the Electreats from your salesman at Amarillo, Tex. I have suffered with ulcers of the stomach for a long time. The machine I bought from him has cured me.

B. McB., Wichita, Kans.

## FEVER

10-13-22 I have cured 55 cases of fever, one bad case of tonsilitis, and many other cases of different classes. The people do their own advertising by telling others how the Electreat cured them.

W. E. R., LaCeiba, Honduras, C.A.

## KIDNEY

3-14-25 I was thrown from a motorcycle six years ago while in the service of the Government in Germany. One of my kidneys was jarred loose, since then I have been sent all over the country by the Government and treated by the best Medical and Surgical experts, and the last two years have been under treatment at Lake City, Fla., by specialists. For the last three months I have suffered intense pain almost continually and unable to sleep or rest without opiates and hot applications being given thru the night. Monday evening Mr. Vredenburg, demonstrator for the Electreat, called and gave me about 30 minutes' treatment with the Electreat and I enjoyed the first night's rest I have had in three months. I have had all kinds of electrical treatments tried for my complaint but can honestly say Electreat is superior to any ever used on me. I have ordered one, and would advise anyone suffering pain of any kind, stiff joints or soreness, to get an Electreat and use it, and I am sure it will not disappoint them.

A. P. (Certified by J. P.)

## KIDNEY STONES

1-24-21 I have been troubled with gravel in the kidney for 15 years. When the Electreat came I was sick in bed and I used it off and on from 11 A. M. until 4 P. M. After 4 P. M. just five hours I passed out 7 kidney stones and never did anything like that before. So you see I sold myself on Electreat right then.

L. W., Stockton, Calif.

## PLEURISY

I have been bedfast from October 1920 to February 12th, 1921 and couldn't turn myself in bed. Was in a terrible shape with nerve trouble and pain in my side. I bought an Electreat from Mr. Miller and now I feel like a new person. Had specialist from Canton and Cleveland and home doctors, and they told me that there could be nothing done for me. Thank God they didn't know it all. I cannot praise the Electreat too highly and no money could buy it. Many thanks. Everyone can write me and I will answer them.

Mrs. J.C.H., Minerva, Ohio

## DIZZINESS

4-5-29 I have used my Electreat every day for a year, and I think if I had not had it I would have been bedfast. I am 72 years old and have been a cripple from childhood. My hip being out of joint and I have found the Electreat fine for me. My circulation was poor and I would get dizzy and fall, but since using the Electreat have not had those spells.

Mrs. A.K.S., Cedar Falls, Iowa

## CONSTIPATION

10-1-23 I have been seeking for help for the last 25 years and last summer I spent nearly \$100 trying to get help. My eyesight was failing, my memory was about gone, my muscles were all stiff and I felt that I would better be six feet under the sod. I had bowel trouble and couldn't operate on, as I had too many scars from an operation for Pneumonia. Praise the Lord your Internal Electrode cured me, and my bowels are regular. I am not cured of all keep using it until I do get cured. I am past 55 years, my muscles are softened so I can rest on bended knees, twist and do what I tired I take my Electreat, lie down and in a few minutes am ready to go on. I take mine to bed, and use it the last thing at night and first in the morning. A thousand dollars couldn't have mine if I couldn't have another in its place. My husband has his own and he does the same thing. He wouldn't be able to garden if he didn't use it. Everyone says, "How well you look," and no one takes me for over 45 years now. My memory is poor to think fast, but it is so much better, am hoping it will improve. I have spots on my head, back of my ears that are sore as a boil, but the Electreat feels good on it. I use it three to four times thru the day when not too busy.

Mrs. E.B., Fort Dodge, Iowa

## PILES

6-27-23 I like my Electreat fine. It has cured my piles I think, as they do not bother me now.

S.A.G., Kansas City, Mo.

## PILES

12-17-20 I was troubled with bleeding piles for over twelve years. Very painful and at times so bad I couldn't walk. I used Electreat with the Internal Electrode for only a few weeks and am practically well. Never had a single hemorrhage after the first application. Electreat is sure the proper thing for piles.

Mrs. M. T., Peoria, Ill.

## PILES

6-10-22 In regard to your Electreat I have had the Piles for twenty years. There was as high as three months at a time I could not work and I got one of your machines. It has done me so much good.

W.T., East Liverpool, Ohio

## PILES

4-3-28 It was my good fortune to purchase from you in 1922 your wonderful Electreat instrument and have had it in continuous use in my family ever since, curing many ailments, especially headache, toothache, pain in the back, sciatic rheumatism and bad abscess of the gum. At the time of my purchase I was afflicted with a very bad case of the piles. Electreat gave me instant relief and soon cured the ailment entirely. My folks use it for face massage and I use it quite frequently in a general way and lay the good health I am enjoying entirely to this wonderful instrument. It is the best family doctor in existence, and I take pleasure in recommending it. I would not be without it at ten times the price paid.

G.P.H., New York City, N. Y.

## PROSTATE

I use the Electrode a great deal for the prostate. It does me more good than anything I can do. I cannot do without it. I get great relief from the Electreat. I am 79 and can't get along without the Electreat.

M.I., Ardmore, Okla.



## PROSTATE

5-23-28 About five years ago I purchased an Electreat, also an Internal Electrode. I have been using both more or less ever since, and have done me much good, especially the Internal Electrode which I have been using for prostate trouble. Also my wife was losing her hair very fast until she put the Electreat in use, which stopped the trouble in a comparatively short time.

A.C.C., Martinsburg, Pa.

## PROSTATE

The Electreat is a fine little instrument. It helps and I believe cures the prostate gland. I am 89 years old and I do not miss a day using it.

F.E.S., Los Gatos, Calif.

## FEMALE

9-21-22 I bought one of your Electreats with Electrode and other attachments. My health has been much improved by it.

F.M.G., Judsonia, Ark.

## OVARIES

11-3-23 Words cannot express our gratitude to you for your wonderful Electreat which I purchased from you. I have been suffering 15 years with ovarian trouble, inflamed appendix and piles. It relieves me instantly from pain and I can see now a permanent cure in the near future. Every home should have one.

Mrs. F.S., Trenton, N. J.

## FEMALE

10-5-27 I am going to tell you what the Electreat did for me last July 1927, wonderful cure, why I haven't—rather embarrassing, hardly know how to get at it. Was tending vacant lot in popcorn, sweat profusely—vagina not in but outside—swelled up desperately, nearly wild with it. Had four different kinds of the best of salves, and last tried bread and milk poultice. No good. I happened to think of the Electreat. One hour twice that afternoon took all the swelling out. I thought that was wonderful, didn't know what it was going to do, didn't want to go to a doctor. You can use this if you want to. I felt a delicacy, but guess I should not.

L.S., Attica, Ind.

## FEMALE

4-2-29 I have suffered for years with female trouble and tried all sorts of medicines without any relief. Finally I went to a specialist at Chickasha, Okla., and he gave me an examination and told me I had high blood pressure and my stomach and bladder had dropped and I had a very bad case of kidney trouble. The specialist also said there was nothing that could be done for me only to patch me up and that I was just liable to drop dead any time. My husband took me to see Dr. R. A. Roberson of Marlow, Okla., and I took a few treatments from his little Electreat and it helped me so much we bought one. My husband has been giving me from three to four treatments a week until now my old trouble is almost gone and I feel like a different person. I just feel fine all the time, whereas before I began with the little machine I was hardly able to do anything.

A.H., Ada, Okla.

## MILK LEG

3-15-23 I like Electreat fine, in fact if I could not get another would not part with it for any amount of money in reason. I have had milkleg for over 25 years and I have seen the time I would have to keep a chair near the stove when cooking so I could sit down, as when a severe pain struck me would have no more use of the leg than if I had been shot in same. In rainy

weather, which we have in abundance at present, makes my troubles come back. When the little machine came I limped a little on my way back from the Post Office. When on my feet constantly and it pains me I get to work with the little wonder and take the pain out and by morning the swelling is gone also. Believe with persistent use in time it will cure it entirely.

Mrs. G.S., Mabank, Texas

## INSOMNIA

3-5-24 I am very highly pleased with my Electreat. I do not see how I ever got along without it. Since I began to use it I have gotten rid of my stiff ankle I have had for over thirty years. I am now in my 79th year. Not only that, but it has helped me when I had indigestion a number of times. And when I cannot sleep at night sometimes I start it up and hold it in my hands for a while, then sleep comes all right. I think it is fine and I shall tell others of the good it has done me, too.

Mrs. S.E.M., Hightstown, N. J.

## INSOMNIA

6-11-30 Your Electreat has helped me very much, I am sure, as it induced sleep after months of insomnia following my husband's death.

Mrs. F. L. T., Lenoir, N. C.

## INSOMNIA

After suffering five years with nervous trouble, headache and everything that goes with a nervous breakdown, I can say that I have found relief. I didn't know what it was in that period of time to have a full night's sleep. I would have to get up and sit by the open window for hours at a time to get my breath. I was bothered continuously with a pain in my head and back. I tried everything I heard of and found no relief until I used the Electreat. I am glad to give this testimony to anyone suffering with nervous trouble, for I sure can sympathize with anyone in the condition I was in. The Electreat is sure a wonderful little machine.

Mrs. V.C., Tarentum, Pa.

## APPENDICITIS

7-11-25 To whom it may concern: This is to certify that Tuesday morning, July 7th, I was suffering with an attack of what three doctors claimed was appendicitis and claimed nothing but an operation would relieve me. I was in constant pain for over ten days and about ready to give up and undergo the operation when Mr. Vredenburg, special demonstrator of the Electreat Mfg. Co., called at my home and offered to give me a free trial treatment with Electreat. I accepted this offer and within less than 20 minutes my pains had left me and now after the third treatment I am able to walk anywhere and feel sure Electreat will save me not only from an operation but will finally remove the cause of my suffering. My wife having previously had an operation for the same complaint has suffered intense pain ever since and the Electreat has been the only thing that has given her relief. We ordered one after first treatment and would advise every family owning one for it is all the demonstrator claims and more.

R.A.W., Martinsville, Va.

## CRAMPS

3-17-26 I had an attack of cramps of stomach and bowels. Some time back my bowels were seemingly solid, I got out of my bed, got the Electreat and put the roller on my stomach and turned the current on until it burned, then rolled it up and down and across. In ten minutes I was relieved and went back to bed and slept soundly. If this will help someone as it did me, you may use it.

F. A. C., Ceres, Va.

## CRAMPS

9-22-22 I had a catch cramp in my knees that would draw my leg so it would take a stout man to straighten it. The pain would go to my heart and leave me in a stupor that would be four to five hours recovering. I would be so weak for three or four days I could not be up all the time. I tried M.D.'s and D.C.'s but with no results, always grew worse. The Electreat has cured me. I never had an attack after I used it.

W.A.L., Tucumcari, N. Mex.

## COLD FEET

10-18-23 I bought one of your Electreats from your agent in Kansas City. I am sure well pleased with it for it has done me more good than all the medicine and treatments I have ever taken. For the last 15 years I have had to take something hot to bed with me to keep my feet warm. The Electreat has done away with that. \$100 would be no inducement for me to do without it. I think it is the best investment I ever made. I think Electreat should be in every family.

W. C. P., Denver, Colo.

## TIRED FEET

12-1-27 My husband and I have been using an Electreat ever since we saw you at the Peoria Fair in 1926, and we certainly would not be without it. I got it primarily for my feet, especially in the Spring when working in the garden my feet hurt so I can hardly walk sometimes (although I will say that since using Electreat my feet did not bother me nearly as much this last Spring as usual, and I haven't had to use it on them now since last Spring) and I then bathe them in warm water and place my foot on the machine on the floor, the foot touching positive and negative, and within ten minutes my feet are like new, with no ache or pain. It sure is wonderful. My husband whenever he does any heavy work with his arms and hands, then he uses it along his spine, shoulder blade and back of his neck etc. He would be lost without it. He used to go to a Chiropractor but now seldom goes as Electreat does the work instead. It is surprising how many men and women have trouble with their backs and shoulders. I have been using my Electreat on five different persons lately. One lady's arm, her fingers were numb, and I found the seat of the trouble to be just below the elbow, helped it greatly the first treatment. Have given four treatments now and it is practically gone. This lady is very deaf also and I believe it will help that. Corn huskers sure like to use it.

Mrs. P. B. W., Emden, Ill.

## HAIR

10-25-30 My hair was falling all summer. Two Electreat treatments stopped it. I also removed sick headache which I have been subject to for forty years, sometimes twice a week. I think lots of the little doctor.

Rev. J.E.Y., St. Petersburg, Fla.

## HAIR

10-24-23 Last July I purchased an Electreat and found its use with the brush attachment very beneficial to the scalp. My hair was falling out after an attack of grip, and it came in thick and curly.

C.P.C., Brooklyn, N. Y.

## REJUVENATION

2-12-26 I don't suppose I have fully realized the value of your Electreat until now. I am almost 80 years of age and to the aged, it is invaluable, if they follow and study directions. I have slept badly since I sent my battery away (returned to factory for readjustment) and last night I used it thoroly. Didn't wake up until 6 A. M. and feel as near like a colt as I ever shall.

D. P. R., Knoxville, Ill.

## FOUNTAIN YOUTH

2-1-26 When I first saw the Electreat I formed an opinion as many will that it was simply an electrical massage machine. After being demonstrated, however, I learned that it is the most wonderful healer, reviver and pain reliever I have ever seen. In one treatment it drove a rheumatic pain from my shoulder, which has been there for years. In six weeks of systematic use Electreat has revived nerves and organs of my body which I considered practically dormant, due to my age which is seventy. I can unhesitatingly and truthfully say to all who are sexually weak, who have not the proper vitality, who feel that old age is sure enough upon them, that Electreat has done more to make me a young fellow than any treatment I have ever taken. I would not part with my Electreat for \$100 if I could not get another. If you doubt me in any way you will find upon inquiry that I am a passenger engineer of the Missouri Pacific Ry. Co., retired after forty-six years of service.

F.E.M., Kansas City, Kans.

## SAVED HIS ARM

9-24-25 I am having wonderful success with my patients using Electreat. Just two days ago I saved a man's arm that his doctor said would have to come off.

Dr. W. L. N., Breckenridge, Tex.

## PROFESSIONAL USE

10-20-28 I have been using one of your Electreats and want to tell you that I have obtained some fine results with it. I have some very expensive electrical equipment but your appliance certainly does the work very effectively.

G.S.C., D.C., Ph.C., Temple, Tex.

## PROFESSIONAL USE

6-27-27 I have been a user of your Electreat in my practice for two years and have found it to be of great value in a number of cases that have come under my observation. In fact, I have gotten results with this machine that I couldn't have gotten with any other means.

Dr. T.V.P., Wewoka, Okla.

## PROFESSIONAL USE

2-27-28 I have used two Electreats in my practice for some time and find them just the thing in many cases. Several of my patients wish to get one.

Dr. O.C., San Dimas, Calif.

## OSTEOPATH

9-24-25 Something over two years ago I bought two Electreats of you. One of the excellent little devices I am now using in connection with my osteopathic practice which I have resumed since my husband's death last February. The two I purchased are the two cell Electreats and both are very satisfactory.

E. S. F., D.O., Paw Paw, Ill.

## PHYSICIAN

This is to certify I am using Electreat in my own home and with my patients, with very satisfactory results. I consider it a blessing to mankind and superior to any machine I know.

J. Y., M.D., Mineral Wells, Tex.

## PHYSICIAN

3-9-20 This is to say that I used the Electreat in my practice and have recommended it to my patients. I consider it the best electrical instrument for home treatment that I ever saw.

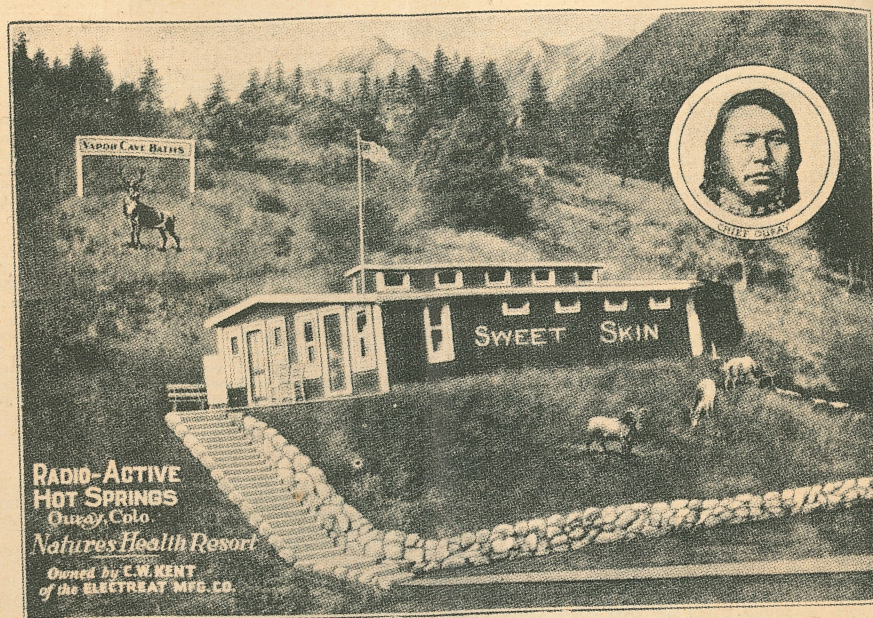
H. C. W., M.D., Hot Springs, Ark.

## OSTEOPATH & CHIROPRACTOR

5-1-31 I have several friends who have \$1250.00 machines that I would not exchange even with if I could not get another Electreat. We have told several that we would not take \$500.00 for our machine and do without one. They will double the cures of any drugless practitioner.

Dr. B. C. C., Mason, Texas.





Legend—**SWEET SKIN**, a mythical Indian Maiden from the tribe of the Utes, aspired to rival Hygia in health and beauty. In order to obtain these priceless gifts Chief Ouray consulted with the Great Spirit and advised Sweet Skin to go and bathe in the steaming water coming from the mountain side where the Mountain Sheep and the Elk meet to feed and drink.

#### ANALYSIS

	Parts per Mil.		Parts per Mil.
SiO <sub>2</sub> , Silica	50.2	Ca, Calcium	422.1
SO <sub>4</sub> , Sulphate	1028.2	Mg, Magnesium	6.3
HCO <sub>3</sub> , Bicarbonate	150	K, Potassium	10.9
CO <sub>3</sub> , Carbonate	None	Na, Sodium	114.3
PO <sub>4</sub> , Phosphate	None	Li, Lithium	None
H <sub>2</sub> S, Hydrogen Sulphide	None	Oxygen to form SiO <sub>2</sub>	13.3
Cl, Chloride	49	Oxygen Consuming	
Fe, Iron	None	Capacity	0.71
Al, Aluminum	None	As, Arsenic	None
Fe <sub>2</sub> O <sub>3</sub> , Iron and		Sr, Strontium	None
Al <sub>2</sub> O <sub>3</sub> , Aluminum Oxide	3.5	Excess Carbon Dioxide	54.1
Mn, Manganese	None	Evaporation Solids	1818

The natural antiseptic quality of these Hot Springs is so great that they might well be called healing waters and are very effective in the treatment of Scrofula, Eczema, Skin Eruptions, Intestinal Ulcers, Rheumatism, Kidney, Liver and Nerve Disorders. Coming from the Vapor Cave Sweats, one notices that delicious fragrance of "Sweet Skin" body odor natural to healthy childhood and free from the Uric Acid or Kidney smell so common in age and infirmity.

The power of these waters to eliminate body poisons is so great that inveterate tobacco users taking a course of baths often find tobacco again tasting badly and to continue its use a nervous shock almost like commencing its use again.

You put on a white toga or gown, go into the vapor caves whose temperature is over 100°, drink and pour the radio-active Hot Water over your body as long as you can stand the heat—fifteen to thirty minutes, are then taken out, wrapped in blankets and sweated for forty minutes. This thoroughly relaxes you. You can just feel your muscles and nerves letting go. Natural laxative hot waters open up the bowels, you unload the body poisons thru every sweat pore and eliminating organ, thoroughly cleansing yourself inside and out.

Located in South Western Colorado at Ouray (you-ray) on D. & R. G. W. R. R. and Chief Ouray or Million Dollar Highway, U. S. 550, not far from the home of the ancient cliff dwellers.

Rates, including Room, Meals and Bath, \$4.00 per day. Park and camp privilege for auto tourists. You have not seen Colorado until you have seen Ouray. Come to Ouray! take a Health Bath, eat and drink with us, boil your eggs in one of our Natural Hot Springs. Mountains, Cañons, Waterfalls. Write for scenic folder.—**The Enchanted Tomb of the Magi?**

## PALM PAD

The palm pad is a sponge applicator of larger dimensions and fits nicely in the palm of the hand, has a longer and better insulated attachment cord, is made of handsome molded bakelite, can and must be unscrewed and taken apart occasionally for cleaning and washing the sponge and metal connections. Being flat it is convenient to lie upon in bed. It was designed for use in bath houses and for professional masseurs who use them in pairs, attaching one to each pole of the Electreat. Grasping one in each palm it allows free use of both arms so they can massage their patrons from head to feet, vigorously and in a very few minutes. When two attachment cords and sponge applicators are desired we suggest purchasing the Palm Pad for the extra. One of the most expensive, artistic and practical applicators on the market. Must be ordered separately. Price \$1.50.

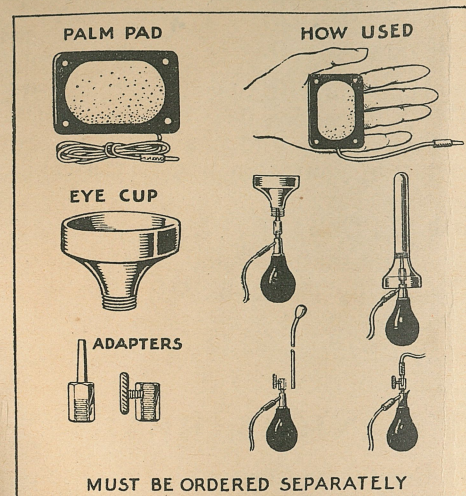
## EYE CUP

Made of brass, all metal handsomely nickel plated and easily sterilized, holds water so you can apply an electrolized water or medicated bath to the eye; can be used for cupping a boil, sore etc. Also threaded so you can attach metal cap from the internal electrode and use for treating hemorrhoids or external piles.

With it we include the male and female adapters which are necessary to connect it up, and make possible the use of foreign applicators with Electreat, or our applicators with other electrical appliances. Must be ordered separately. Price with adapters and insulating handle, \$1.00.

## ADAPTERS

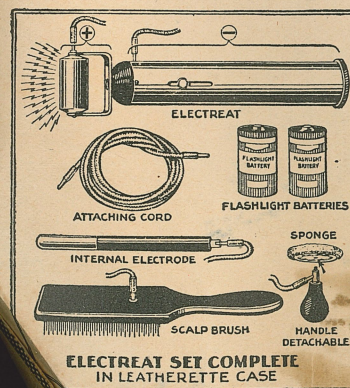
Two adapters, made of brass nicely nickel plated, make it possible to connect most any other electrical appliance or electrode to the Electreat, or to attach our applicators to whatever electrical appliance you may have. Very convenient where there is an assortment of applicators of various makes. Must be ordered separately. Price, including insulating handle, 50c.



## PRICE LIST OF EXTRAS

And Replacement Parts, sent by mail prepaid upon receipt of price. Stamps accepted. An advance deposit of at least \$1.00 required on all C.O.D. orders.

	each
Batteries (Eveready or flashlight) ..	\$0.15
Sponge Applicator .....	.15
Handle, insulating .....	.20
Attaching Cord .....	.25
Scalp Brush .....	.50
Internal Electrode .....	2.00
Palm Pad .....	1.50
Eye Cup, Adapters and Handle .....	1.00
Adapters and Handle .....	.50
New Box for Electreat .....	.50





## GUARANTEE

Every Electreat is guaranteed to be exactly as represented in this booklet, to be mechanically and electrically perfect, to be free from defects of workmanship and material, and to be in perfect working order when it leaves the factory. If properly taken care of it should give many years of useful service. We agree to replace with a new machine or repair any defect free of charge within one year from date of purchase.

Electrical treatments are well known and thoroly established for their curative merits. It would be presumptuous for us to guarantee them. The Electreat Mechanical Heart, two cell, is the best electrical treatment device we know how to make. We do not guarantee it to cure any specific ailment, but sell it on its merits as being efficient in breaking up congestion which we claim is back of all diseases.

A Faradic Medical battery of superior quality and durability in a very compact and convenient form, develops 90 volts full on:

- 1 milliamperes flow at 55 volts
- 2 milliamperes flow at 40 volts
- 3 milliamperes flow at 20 volts

Scientifically designed to produce a maximum of muscular reaction with a minimum of current. As the milliamperes flow increases the voltage decreases, thus assuring perfect safety and enabling you to enjoy the best of Electrical Treatments in your own home at a cost of about one cent per treatment.

Patented June 3, 1919

Factory:  
Peoria, Illinois

Manufactured and Guaranteed  
by Electreat Mfg. Co.

## ELECTREAT TWO CELL MECHANICAL HEART


Equipped with Sponge Applicator, Conductor Cord with tips, Scalp Brush, Internal Electrode, and two standard size flashlight batteries (which can be replaced at any battery store). Packed in handsome leatherette carrying case.

PRICE \$15.00 NET

Sold only thru Demonstrator Salespeople or sent by mail prepaid upon receipt of price. Always send money order and keep receipt.

ELECTREAT MANUFACTURING CO.

2301 N. Adams St.  
PEORIA, ILLINOIS



**ELECTREAT**  
**Relieves**  
**Pain**

*The*  
**MECHANICAL**  
**HEART**

ELECTREAT MFG. CO.  
PEORIA, ILL.